

Bibliography and Index of Illinois Geology 1966–1996

Lynne Raymond Martin

Bulletin 105 2001

George H. Ryan, Governor

Department of Natural Resources

Brent Manning, Director

ILLINOIS STATE GEOLOGICAL SURVEY

William W. Shilts, Chief



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The GeoRef database from the American Geological Institute provided a majority of the citations used in this publication. Various other databases, including the ISGS library catalog, were also searched. Citations were verified when necessary. GeoRef is used as a basis for the level of detail for the indexing. The earlier published bibliography, ISGS Bulletin 92, was indexed at a very high level of detail, but this publication uses slightly broader terms.

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Introduction

This bibliography and index covers publications and articles on Illinois geology from 1966–1996. This bulletin updates ISGS Bulletin 92, *Bibliography and Index of Illinois Geology through 1965*. This current publication includes citations for all of the field of research at the Illinois State Geological Survey, including (but not limited to) geology, groundwater, industrial minerals, petroleum, coal, environmental geology, geochemistry, and geophysics. Publications are included only if they relate specifically to Illinois. Monographs, journal articles, conference proceedings, theses, maps, guidebooks, and reports are among the publications cited. In addition to the citations from 1966 to 1996, eleven titles are included that were published prior to 1966 but omitted from Bulletin 92. Every effort was made to ensure that this publication and index is complete; however, individuals who are aware of omissions are requested to contact the Illinois Survey so that the bibliographic database can be corrected.

The initial part of this publication is a bibliography, arranged alphabetically by author surname and, secondarily, within identical authorship, by date. Following the bibliography is an index that includes both subjects and locations. This bibliography and index is also available on the ISGS Web site.



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Fossils:
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Geologic maps: Hallberg 1991
Geophysical surveys: Heigold 1993g; Sowan
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 Land use:
 Maps: USGS 1982f; USGS 1982g
 Loess: Leigh 1994a
 Mineral resources: Major 1967b
 Paleontology: Snyder, Jeremy 1971
 Pyrite: Richards, R.P. 1995a
 Soil surveys: Ray, B.W. 1975
 Stratigraphy:
 Silurian: Willman 1973b
 Quaternary: Willman 1989
 Till: Frye, J.C. 1969a
 Waste disposal: Johnson, T.M. 1980
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Caseyville Formation: Bohm 1981; Booth, A.E. 1996; Ethridge 1973a; Fraunfelter 1986a; Gopinath 1972; Jacobson, R.J. 1987a; Koeninger 1978; Leming 1973; Poole 1985b; Poole 1989; Sliva 1972; Sonnefield 1981; Stanley, R.G. 1980
Cass County (see also subjects):
 Clay and shale:
 Geochemistry: White, W.A. 1980
 Coal mines: ISGS 1993-1995; ISGS 1994-1996
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 Geophysical surveys: Heigold 1979b; Heigold 1993j; US Dept. Energy 1981a; US Dept. Energy 1981f
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 Land use:
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 Loess: Grimley 1996; Kleiss 1973; Waggoner 1975
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 Paleosols: Frye, J.C. 1974c; Grimley 1996
 Soil surveys: Calsyn 1989
 Stratigraphy:
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 Maps: USGS 1979d; USGS 1980c
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 Mineral resources: Major 1967a
 Paleontology: May, Gary 1975
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 Soils: Kamau 1996; Pearson, J.E. 1966
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 Stratigraphy: Atherton 1966; James, A.T. 1968
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 Tectonics: Wier 1974a; Wier 1974b
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 Sedimentary petrology: Allen, R.S. 1985; Weiner 1974
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 Sedimentary petrology: Seyler 1982
 Stratigraphy: Bristol 1974b
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 Sedimentary petrology: Harvey 1977
 Coal: Avcin 1969; Nelson, W.J. 1987b; Treworgy, C.G. 1996b
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 Geologic maps: Gray, H.H. 1991b
 Geomorphology: Mason, R.M. 1973
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 Contamination: Keefer 1995b; Keefer 1995d; Reed, P.C. 1981; Wilson, S.D. 1995
 Guidebook: Reinertsen 1991a
 Land use:
 Maps: USGS 1979d; USGS 1980c
 Limestone and dolomite: Lineback 1981
 Loess: Kleiss 1973
 Mineral resources: Bergstrom 1976
 Oil and gas fields: Dean 1988
 Paleobotany: Brown, D.D. 1969
 Paleontology: Thein 1974; Welch, J.R. 1976
 Sand and gravel: Hester 1970a
 Soil surveys: Berning 1994
 Stratigraphy:
 Mississippian: Moore, M.C. 1970
 Pennsylvanian: Avcin 1969; Horne 1968; Johnson, D.O. 1972
 Waste disposal:
 Planning: Bergstrom 1976
- Clark County (see also subjects):**
 Waste disposal sites:
 Martinsville: Beard, T.C. 1991
 Areal geology: Curry 1994; Jorstad 1991b
- Clay and shale: White, W.A. 1967
- Geologic maps: Gray, H.H. 1979; Gray, H.H. 1991b
- Geophysical surveys: Heigold 1993h; US Dept. Energy 1981e
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 Maps: USGS 1977b
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- Mineral resources: Major 1966c
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 Production: Bristol 1974a; Wallace, G. 1991
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 Mineralogy: Hunter 1966a
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 Sedimentary petrology: Bayless 1988
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 Quaternary: Curry 1991a; Curry 1991b; Curry 1991c
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 Soils: Lund, L.J. 1971
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 Mineralogy: Rimmer 1982; Stepusin 1978
 Sedimentary petrology: Cleaveland 1983
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 Geologic maps: Gray, H.H. 1991b
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 Sedimentary petrology: Bird 1981; Cleaveland 1983
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 Petroleum:
 Production: Bristol 1974a
 Petroleum engineering: Whitaker 1992d
 Petroleum exploration: Cahill 1978
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 Sedimentary petrology: Bosse 1986
 Stratigraphy:
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 Mississippian: Treworgy, J.D. 1985
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- Fulton County (see also subjects):**
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- Geochemistry: White, W.A. 1980
- Sedimentary petrology: Sotonoff 1976
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- Glacial geology:** Lineback 1979c; Stonebarger
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 Mapping: Forsyth 1968; Soller 1989
 Maps: Anderson, P.S. 1993; Willman 1970a
- Glacial Lake Agassiz:** Colman, S.M. 1994a;
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- Glacial Lake Algonquin:** Larsen, C.E. 1987
- Glacial Lake Douglas:** Fraser, G.S. 1971;
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 Sediments: Heinrich 1982
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- Glen Park Formation (see Horton Creek
 Formation)**
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 Schutter 1996
- Golconda Formation:** Harris, C.D. 1987; Harris,
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- Gold ores:** Bradbury, J.C. 1970a; Maslowski 1985c
- Golden State North Field:** Liston 1988
- Grand Tower Limestone:** Devera 1986; Droste
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- Granites:** Coates 1984; Daniels, J.J. 1982; Doe
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- Hydrogeology: Couture 1983; Wenner 1989
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 Cracks: Carlson, S.R. 1985; Carlson, S.R.
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- Thermal conductivity: Eckstein 1983; Hinze
 1986; Rahman 1983
- Grassy Creek Shale:** Desborough 1992
- Greatlakean Substage:** Evenson 1976; Karrow
 1978
- Greene County (see also subjects):**
 Archaeological sites: Butzer 1977; Butzer 1978;
 Hajic 1981; Wiant 1986
- Clay and shale:
 Geochemistry: White, W.A. 1980
- Coal mines: ISGS 1994-1996
- Engineering geology: Thill 1984
- Fluvial features:
 Quaternary: Wiant 1986
- Geologic maps: Whitfield 1993
- Geomorphology: Butzer 1977
- Geophysical surveys: Heigold 1979b; Heigold
 1993j; US Dept. Energy 1981f
- Groundwater: Gibb 1979; Willman 1973a;
 Woller 1990
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Cote, W.E. 1970d; Graham, R.W.
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 Reinertsen 1994c
- Land use: IL EPA 1978
- Maps: USGS 1979e; USGS 1980a
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 Paleontology: Sohn 1975
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 Sand and gravel: Meyers, J.T. 1970
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 Sedimentary petrology: Laury 1968
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 Models: Heidari 1992; Heidari 1995; Mandle 1992
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 Protection: Aten 1968
 Radioactive isotopes: Gilkeson, R.H. 1987b
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 Sensitivity analysis: Berg, R.C. 1994b; Burch 1991; Schicht 1977; Visocky 1982a; Visocky 1982b
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 Water levels: Kay, R.T. 1996b
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 - Water levels: Kay, R.T. 1996b
 - Water quality: Kolpin 1993; Kolpin 1996; Lucey 1995; Voelker 1984; Voelker 1989
 - Withdrawals: Cravens 1989a
 - Water levels: Mann, L.J. 1985; Toler 1982a
 - Models: Jahn 1992; Ritchey 1984b; Ritchey 1984c; Ritchey 1984d; Schicht 1984
 - Water quality: Brown, T.A. 1995; Davis, R.W. 1973a; Dohnalek 1982; Krause 1982; Macaitis 1985; Mitsch 1985; Nawrot 1979b; Rehfeldt 1994; Schock, S.C. 1989b; Voelker 1987; Voelker 1988a; Wehrmann 1988
 - Databases: Collins, M.A. 1987; Gibb 1980a
 - Models: Coupe 1991; Prickett 1971; Prickett 1981; Wehrmann 1984c
 - Water use: Avery 1995a; Avery 1996; Schicht 1971b; Smith, H.F. 1972
 - Water wells: Brown, T.A. 1995; McKay, E.D. 1993; Naymik 1982; Walton 1970
 - Contamination: Barnhardt 1992a; Barnhardt 1992b; Barnhardt 1992c; Barnhardt 1992d; Chou, S.-F.J. 1991a; Curry 1992a; Kempton 1992a; Larson, T.E. 1966; McKenna 1989a; McKenna 1993; Mehnert, Edward 1991; Ray, Chittaranjan 1991; Richards, R.P. 1995b; Schock, S.C. 1989a; Schock, S.C. 1989b; Schock, S.C. 1989c; Schock, S.C. 1990a; Schock, S.C. 1992; Vaisanen 1992
 - Databases: Eidel 1989
 - Levels: Walton 1966
 - Monitoring: Gibb 1980b; Gibb 1981a; Gibb 1981b; Richards, R.P. 1995b

- Trace element removal: Goodwin 1982
- Withdrawals: Bowman 1991b; Burch 1994; Kirk 1979; Kirk 1982; Kirk 1984; Kirk 1985; Kirk 1987; LaTour 1990; Sasman 1965; Sasman 1966; Sasman 1978
- Grove Church Shale Member:** Weibel 1992
- Grundy County (see also subjects):**
- Areal geology: Carl L. Gardner Assoc. 1973; Willman 1971b
- Clay and shale: Kuecher 1990
- Sedimentary petrology: Olson, R.K. 1973; Woodland 1979
- Coal: Jacobson, R.J. 1985a; Peppers 1970b
- Strippable reserves: Smith, W.H. 1968
- Coal mine lakes: Durham 1989; Gibb 1978b
- Coal mines: Bradford 1983; ISGS 1994-1996; Lindorff 1980
- Reclamation: Doyle, W.S. 1976; Durham 1989
- Waste: Bradford 1987; Khan, L.A. 1986a; Lindorff 1981
- Faults: Kolata 1978
- Floods: Allen, H.E. 1971a; Allen, H.E. 1971c
- Fossils: Mori 1986
- Collecting: Pine 1976
- Geologic maps: Willman 1970d
- Geophysical surveys: Georgiou 1970; Heigold 1993e; McGinnis, L.D. 1966a
- Groundwater: Avery 1995b; Carl L. Gardner Assoc. 1973; Nealon 1989; Poole 1981a; Visocky 1985; Willman 1973a
- Contamination: Keefer 1995b; Keefer 1995d
- Recharge: Burch 1991; McDonald, C.K. 1967; Visocky 1982b
- Withdrawals: Sasman 1967; Sasman 1973; Sasman 1977b; Sasman 1986; Visocky 1993
- Guidebook: Flemal 1972c; Reinertsen 1984c; Reinertsen 1990a; Reinertsen 1992c
- Land use: Carl L. Gardner Assoc. 1973
- Mineral resources: Carl L. Gardner Assoc. 1973; Major 1967a; Willman 1973a
- Paleobotany: Pfefferkorn 1973
- Paleontology: Baird, D. 1978; Baird, G.C. 1979; Baird, G.C. 1985a; Baird, G.C. 1986; Baird, G.C. 1990b; Carroll 1972; Duluk 1968; Foster, M.W. 1988b; Godfrey 1992; Hannibal 1981b; Kjellesvig-Waering 1969; Lund, Richard 1978; Richardson, E.S. Jr. 1980b; Schram 1969b; Schram 1973b; Schram 1982; Schultze 1987; Schultze 1994; Sohn 1977; Vogel, B.R. 1966; Zangerl 1969
- Palynology: Peppers 1970b
- Sandstone:
- Sedimentary petrology: Olson, R.K. 1973
- Soil surveys: Reinebeck 1980
- Stratigraphy:
- Cambrian: Baynas 1976; Olson, R.K. 1973
- Pennsylvanian: Baird, G.C. 1980
- Quaternary: Willman 1971a
- Structural geology: McGinnis, L.D. 1966a
- Till: Killey 1980; Killey 1982b
- Guidebooks (see counties)**
- Guttenberg Formation:** Kolata 1982a; Kolata 1986a; Moore, D.M. 1976
- Gypsum:**
- Economic geology: Ehrlinger 1973
- Haeger Member:** Hansel, A.K. 1986d
- Hagarstown Member:** Killey 1983
- Hall Limestone Member:** Fraser, G.S. 1970
- Hamilton County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Kircher 1967
- Clay and shale: Treworgy, J.D. 1985
- Coal: Greater Egypt 1978a; Hopkins, M.E. 1968
- Coal mine lakes:
- Maps: Voelker 1985
- Coal mines: Blevins 1983; ISGS 1994-1996
- Earthquakes: Street 1980
- Faults: Sexton 1986
- Geochemistry: Bullock 1991a; Bullock 1991b
- Geologic maps: Gray, H.H. 1991b
- Geophysical surveys: Ahbe 1978; Heigold 1970a; Heigold 1993b; Heigold 1993i; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990; US Ener. Res. 1979
- Groundwater:
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Harris, S.E. Jr. 1977
- Land use:
- Maps: USGS 1977c; USGS 1979a
- Limestone and dolomite: Lamborg 1986; Roberts, M.J. 1984; Santa 1985; Treworgy, J.D. 1985

- Sedimentary petrology: Lamborg 1986;
Lineback 1988c; Tharp 1983
- Mineral resources: Heyl 1966b; Major 1966c
- Economic geology: Eidel 1993b
- Mapping: Eidel 1993a
- Oil and gas fields: Hoffman 1968; Webb, W.H. 1968; Whitaker 1995b
- Paleogeography: Tharp 1983
- Paleontology: Majewski 1973
- Petroleum: Sim 1993
- Petroleum exploration: Avila 1974; Leetaru 1990; Leetaru 1991a; Muthig 1984; Whitaker 1995b
- Sandstone: Kehlenbach 1969; Treworgy, J.D. 1985
- Sedimentary petrology: Bosse 1986; Cole, R.D. 1990; Lambert, S.W. 1974
- Soil surveys: Currie 1986
- Stratigraphy:
- Ordovician: Nelson, W.J. 1996a
 - Devonian: Nelson, W.J. 1996a; North, W.G. 1969a; North, W.G. 1969b
 - Mississippian: Cole, R.D. 1990; Kehlenbach 1969; Nelson, W.J. 1996a; Randall, J.W. 1970; Treworgy, J.D. 1985; Wilsey 1984
 - Pennsylvanian: Greater Egypt 1978b; Horne 1968; Nelson, W.J. 1996a
- Hancock County (see also subjects):**
- Clay and shale:
 - Geochemistry: White, W.A. 1980
 - Coal mines: ISGS 1994-1996
 - Fossils:
 - Collecting: Scheffel 1968b
 - Geodes: Martin, W.E. 1983; Miller, Elizabeth 1980
 - Geologic maps: Hallberg 1991
 - Geophysical surveys: Heigold 1993f; US Dept. Energy 1981a
 - Groundwater: Barker, Bruce 1970; Nealon 1989; Visocky 1985
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Collinson 1978; Cote, W.E. 1970b; McCracken 1976; Reinertsen 1987a
 - Land use: Barker, Bruce 1970
 - Maps: USGS 1979b
 - Limestone and dolomite:
 - Sedimentary petrology: Cloos 1981
 - Loess: Putman 1988
 - Mineral resources: Major 1967d
 - Minerals:
 - Collecting: Scheffel 1968b
 - Paleoecology: Miller, B.B. 1994a
 - Paleontology: Ausich 1991b; Brenckle 1974; Carter, J.L. 1990a; Kammer 1993; Kammer 1994; Shaver 1974
 - Petroleum exploration: Montgomery, S.L. 1988; Whitaker 1995a
 - Sandstone: Wills 1971
 - Sedimentary petrology: Nunn, J.R. 1986
 - Stratigraphy:
 - Mississippian: Collinson 1978
 - Quaternary: Hallberg 1980; Wickham, J.T. 1980
- Haney Limestone Member:** Somasekhara 1970; Treworgy, J.D. 1985; Vincent 1971; Vincent 1975
- Hannibal Shale:** Brown, D.D. 1969; Deming 1978
- Hardin County (see also subjects):**
- Areal geology: Baxter 1967; Berg, R.C. 1993b; Berg, R.C. 1994c
 - Caves: Grady, Fred 1984
 - Clay and shale: Cluff 1981b; Daniel 1975; Treworgy, J.D. 1985
 - Geochemistry: Desborough 1992
 - Mineralogy: Desborough 1992
 - Coal: Greater Egypt 1978a
 - Coal mine lakes:
 - Maps: Voelker 1985
 - Coal mines: ISGS 1994-1996
 - Faults: Hook 1974; Potter, C.J. 1995; Shelby 1982
 - Fluorspar: Baxter 1967; Baxter 1973; Baxter 1989a; Bradbury, J.C. 1968; Brecke 1983; Chareonsri 1975; Cowan, C.A. 1985; Frank, C.O. 1977; Kinney 1979; Spry 1990; Symons 1994; Trace 1974
 - Collecting: Pittman 1983; Pittman 1984a; Pittman 1984b; Watts 1984
 - Economic geology: Evans, V.A. 1986
 - Exploration: Eisner 1981; Spirakis 1993; Trudick 1979
 - Geochemistry: Koellner 1987; Richardson, C.K. 1984; Silins 1974
 - Geochemical maps: Klasner 1986
 - Geochemistry: Bullock 1991a; Bullock 1991b; Bullock 1991c; Bullock 1991d; Pitkin 1974
 - Geologic maps: Gray, H.H. 1991b; Klasner 1986

- Geomorphology: Rampino 1996
 Geophysical surveys: Ahbe 1978; Heigold 1970a; Heigold 1993b; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990; Nagai 1973; US Ener. Res. 1979
 Groundwater: Woller 1974f
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Baxter 1973; Baxter 1989a; Baxter 1989b; Cote, W.E. 1967a; Frank, C.O. 1977; Harris, S.E. Jr. 1977; Palmer, J.E. 1979a; Reinertsen 1980a; Reinertsen 1982a; Reinertsen 1992a; Reinertsen 1994b
 Land use:
 Maps: USGS 1977c; USGS 1979a
 Lead and zinc ores: Kinney 1979
 Limestone and dolomite: Feiznia 1983; Fraunfelter 1979; Treworgy, J.D. 1985
 Geochemistry: Pinckney 1972b
 Mineralogy: Pinckney 1972b
 Sedimentary petrology: Vincent 1975
 Mineral resources: Baxter 1980a; Chapman, W.E. 1971; Ghosh 1973; Heyl 1966b; Klasner 1986; Lillie 1988; Major 1966a; Park 1967; Pinckney 1970; Pinckney 1976; Roberts, A.C. 1978; Roberts, A.C. 1979; Rossman 1974; White, J.S. Jr. 1970
 Economic geology: Eidel 1993b; Major 1966a
 Mapping: Eidel 1993a
 Organic materials: Spirakis 1993
 Paleontology: Gutschick 1968; Horowitz 1984; Klee 1985; Sohn 1988; Thein 1974
 Petroleum:
 Natural gas: Cluff 1982
 Regional planning: Hutchison 1976
 Sandstone: Cole, R.D. 1995; Kehlenbach 1969; Klee 1985; Treworgy, J.D. 1985; Wescott 1982
 Sedimentary petrology: Carozzi 1988; Ou 1983
 Soil surveys: Parks 1975
 Soils: Trudick 1979
 Stratigraphy:
 Ordovician: Nelson, W.J. 1996a
 Devonian: Nelson, W.J. 1996a; North, W.G. 1969a
 Mississippian: Cole, R.D. 1995; Kehlenbach 1969; Nelson, W.J. 1996a; Treworgy, J.D. 1985
 Pennsylvanian: Greater Egypt 1978b; Koeninger 1979; Nelson, W.J. 1996a; Palmer, J.E. 1979a; Searight 1979
 Structural geology: Kolata 1980; Kolata 1981b
 Sulfides: Hughes, T.H. 1967; Spirakis 1993
Hardinsburg Sandstone Member: Tucker, R.L. 1968
Harrisburg Coal Member (see Springfield Coal Member)
Harrodsburg Limestone: Jobe 1995
Heavy minerals: Hunter 1967b
Henderson County (see also subjects):
 Areal geology: Elec. Power Res. 1980; Walke 1982
 Clay and shale: Cluff 1981b
 Coal:
 Strippable reserves: Searight 1969
 Fossils:
 Collecting: Good, D.L. 1968
 Geologic maps: Hallberg 1991
 Geophysical surveys: Heigold 1993f; Heigold 1993g; US Dept. Energy 1981a; US Dept. Energy 1981c
 Groundwater: Nealon 1989; Visocky 1985; Woller 1978b
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Reinertsen 1987a
 Land use:
 Maps: USGS 1979b; USGS 1982f
 Limestone and dolomite:
 Sedimentary petrology: Cloos 1981
 Mineral resources: Major 1967d
 Paleoecology: Sullivan, A.E. 1986
 Paleontology: Ray, C.E. 1968
 Paleosols: Frye, J.C. 1974c
 Petroleum:
 Natural gas: Kalyoncu 1979
 Sandstone:
 Rock mechanics: Zakrzewski 1983
 Sedimentary petrology: Nunn, J.R. 1986
 Stratigraphy: James, A.T. 1968
 Cambrian: Kenney 1977
 Quaternary: Hallberg 1980; Wickham, J.T. 1980
Henry County (see also subjects):
 Coal:

- Strippable reserves: Searight 1969
- Coal mines: ISGS 1994-1996
- Fossils:
- Collecting: Johannesen 1967
- Geologic maps: Hallberg 1991
- Geophysical surveys: Heigold 1993g; Sowayan 1969; US Dept. Energy 1981c; USGS 1982a
- Groundwater: Brueckmann 1968; Larson, D.R. 1995; Larson, T.H. 1993; Nealon 1989; Visocky 1985
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Hammer, W.R. 1985; Reinertsen 1974b; Reinertsen 1991b
- Land use:
- Maps: USGS 1982f
- Mineral resources: Major 1967d
- Paleobotany: Leary 1990
- Paleontology: Merrill 1971
- Sand and gravel: Anderson, R.C. 1967
- Sandstone:
- Sedimentary petrology: Nunn, J.R. 1986
- Soil surveys: Elmer 1984
- Stratigraphy: James, A.T. 1968
- Cambrian: Kenney 1977
 - Silurian: Willman 1973b
 - Devonian: Hammer, W.R. 1985
 - Pennsylvanian: Hammer, W.R. 1985
- Till: Frye, J.C. 1969a
- Topography:
- Pennsylvanian: Leary 1984
- Waste disposal: Johnson, T.M. 1980
- Henry Formation:** Carnaghi 1979; Graham, R.C. 1985; Searight 1983
- Herrin Coal Member:** Allgaier 1975; Cady, G.H. 1968; Chugh 1996c; Damberger 1970a; Damberger 1973; DeMaris 1990; DiMichele 1987; Henson 1989; Krausse 1979f; Larsen, J.W. 1988; Ledvina 1988; Mahaffy 1985; Nelson, W.J. 1987b; Rostam-Abadi 1983; Smith, W.H. 1975a; Taylor, W.S. 1970; Treworgy, J.D. 1984d; Westgate 1984
- Geochemistry: Anderson, T.F. 1980; Westgate 1983
- Mineralogy: Baumann 1982; Chou, Chen-Lin 1983; Demir 1990a; Finkelman 1984; Harvey 1983; Harvey 1984; Stutzman 1983
- Rock mechanics: Ko 1976; Krausse 1979a; Krausse 1979b
- Sedimentary petrology: Chou, Chen-Lin 1983; Gethner 1985; Johnson, P.R. 1979; Kravits 1980; Kravits 1981; Langrand 1977; Padgett 1980; Russell, S.J. 1983; Russell, S.J. 1984; Weisenburger 1985
- Hicks Dome:** Baxter 1980a; Bradbury, J.C. 1992; Pitkin 1974; Potter, C.J. 1995
- Hillsboro Field:** Toney 1989
- Hoing Sandstone Member:** Hewitt 1966; Tedesco 1988
- Horton Creek Formation:** Carter, J.L. 1988
- Hunton Limestone Supergroup:** Stevenson 1967
- Hydrogeologic maps:** USGS 1974b
- Illinois Basin (see also counties and subjects):** Buschbach 1990; Collinson 1988; Hammer, W.R. 1990; Indiana Univ. 1983; Klein, G.d. 1987; Kolata 1990a; Kolata 1992; Leighton, M.W. 1990a; Leighton, M.W. 1990b; Lumm 1994; Ridgley 1994; Swann 1968
- Brines:
- Diagenesis: Goldhaber 1992b; Lee, Ming-Kuo 1993
 - Geochemistry: Clayton 1966; Graf, D.L. 1966; Stueber 1993; Stueber 1994; Walter, L.M. 1990
 - Cambrian: Avila 1981
 - Carbonate rocks: Cluff 1981a; Smith, L.B. Jr. 1996
 - Clay minerals: Gharrabi 1995
 - Coal: Damberger 1971; Goldhaber 1992b; USGS 1982b; Wimer 1981
 - Resources/Reserves: Archer, P.L. 1984
 - Coal mines:
 - Economic geology: Indiana Univ. 1983 - Coal Sample Program: Demir 1996a; Harvey 1988
 - Depositional environment: Treworgy, J.D. 1988b; Watso 1988
 - Devonian: Collinson 1968; Martin, S.J. 1978
 - Diagenesis: Goldhaber 1992b; Heidlauf 1986b; Klein, G.d. 1991; Rowan 1996; Spirakis 1995; Watso 1989
 - Models: Middleton 1980
 - Earthquakes: McGinnis, L.D. 1974a
 - Geochemistry: Goldhaber 1992b

- Geophysical surveys: Goldhaber 1992b; House 1980; Pratt, T.L. 1992; Rummerfield 1971; Woods 1989
- Groundwater: Bond 1972; Hutasoit 1992
- Discharge: Cartwright, Keros 1970
- Geochemistry: Nesbitt 1985; Stueber 1987; Stueber 1991
- Salinity: Goldhaber 1992b; Ranganathan 1992
- Mineral resources: Goldhaber 1992b
- Mississippian: Cecil 1989; Lineback 1969; Treworgy, J.D. 1988a; Treworgy, J.D. 1988b; Treworgy, J.D. 1989
- Natural gas: Archer, P.L. 1984; Bond 1968; Goldhaber 1992b; Peterson, R.E. 1982
- Ordovician: Avila 1981; Kolata 1982b; Kolata 1990e
- Paleobotany: Jennings 1984a; Phillips, T.L. 1973
- Paleogeography:
- Pennsylvanian: Bristol 1971a; Leary 1979b
- Paleontology: Rexroad 1970
- Pennsylvanian: Archer, P.L. 1984; Cecil 1989; Damberger 1989b; Damberger 1989c; Greb 1989a; Keller, S.J. 1988b; Palmer, J.E. 1979b; Sloss 1979; Wanless 1975
- Nomenclature: Jacobson, R.J. 1985c
- Petroleum: Barrett, Ed 1971; Bond 1971b; Cluff 1990; Davis, H.G. 1990; Goldhaber 1992b; Howard, R.H. 1990b; Ill. Geological Society 1968; Oltz 1990a; Oltz 1991; Seyler 1990; Sullivan, D.M. 1988
- Directory: Smith, A.E. 1968
- Movement: Abrams 1995; Bethke 1990; Bethke 1991; Spirakis 1995
- Production: Bond 1970b; Brownfield 1968; Fieber 1984; Mast 1990; Zuppann 1988c
- Petroleum exploration: Avila 1971; Brehm 1971; Ill. Geological Society 1968; Mast 1994; Miller, D.N. Jr. 1968a; Sloss 1970
- Sedimentation: Droste 1988c; Heidlauf 1986a; Lineback 1969; Lineback 1987; Staub 1993
- Seismotectonics: Dart 1987; Hutchenson 1994; Taylor, K.B. 1991
- Stratigraphy: Devera 1990b; Droste 1987; Droste 1988d; Geller 1985; Goldhaber 1992b; Heigold 1990b; Keller, S.J. 1988b; Klein, G.d. 1990; Kolata 1990c; Kolata 1990f; Kolata 1990g; Kruger 1993; Langenheim, R.L. Jr. 1992; Martin, S.J. 1978; Mikulic 1990b; Nelson, W.J. 1990a; Norby 1990; Pratt, T.L. 1992; Quinlan 1984; Rogers, J.E. Jr. 1970; Rogers, J.E. Jr. 1972; Rupp 1988; Sargent, M.L. 1990; Sloss 1984; Smith, L.B. Jr. 1996; Spirakis 1978; Treworgy, J.D. 1990c; Treworgy, J.D. 1990d; Zuppann 1988c
- Ordovician: Barnes, D.A. 1996
- Structural geology: Beaumont 1987; Dart 1985; Goldhaber 1992b; Heigold 1990a; Kolata 1990b; Krausse 1979c; Lidiak 1982; Nelson, W.J. 1990e; Palmer, J.E. 1979b; Plumb 1987; Qi 1993; Quinlan 1984; Quinlan 1987; Treworgy, J.D. 1988b; Zuppann 1988c
- Sub-Kaskaskia unconformity: Kruger 1992; Spirakis 1974; Spirakis 1978
- Subsidence: Quinlan 1987
- Tectonics: Davis, H.G. 1988b; Furer 1996; Goldhaber 1992b; Heidlauf 1986a; Heidlauf 1986b; Kolata 1990d; Kutina 1978; Leighton, M.W. 1996; Mann, C.J. 1968; Sleep 1976; Sleep 1980; Sloss 1979; Wanless 1975
- Topography: Harris, S.E. Jr. 1979
- Ultradeep drillhole: Eidel 1986; Eidel 1988; Frost, J.K. 1986; ISGS 1987d; Leighton, M.W. 1986; Leighton, M.W. 1987b
- Waste disposal:
- Site exploration: Lomenick 1983
- Illinois River:** Am. Water Res. 1989; Gibb 1979; Willman 1973a
- Banks:
- Erosion: Bhowmik 1979a; Bhowmik 1979b; Bhowmik 1980a; Condit 1989; Spoor 1989
- Engineering geology: Demissie 1989c
- Floods: Chrzastowski 1994c; IL Dept. Ener. Nat. Res. 1994h
- Contamination: Ray, Chittaranjan 1996; Roy, W.R. 1994b
- Mapping: Luman 1994
- Fluvial features: Bhowmik 1979a; Bhowmik 1980a
- Hydrochemistry: Flemal 1976a
- Models: Chen, Y.H. 1975
- Sedimentation: Bhowmik 1988d; Bhowmik 1989

- Sediments: Adams, J.R. 1991; Butts, T.A. 1985; Harrison, Wyman 1981; Herman 1987; Van Luik 1982
- Contamination: Sparks, R.E. 1992
- Geochemistry: Cahill 1987
- Symposia: Korab 1993; Stout 1976
- Illinois River basin:** Healy, R.W. 1979
- Archaeology: Bettis 1995b
- Catalogs: Curtis 1986
- Current research:
- U.S. Geological Survey: Toler 1976
- Erosion: Demissie 1992a; Nichols 1989; Parker 1989
- Floods: Ishii 1991
- Geomorphology: Bettis 1995b
- Sedimentation: Lee, M.T. 1976; Lee, M.T. 1989
- Sediments:
- Geochemistry: Colman, J.A. 1991; Colman, J.A. 1992
- Trace elements: Fitzpatrick, F.A. 1995
- Water quality: Fitzpatrick, F.A. 1991; Warner, K.L. 1994
- Illinois State Geological Survey:** Bergstrom 1980c; Hays, R.G. 1980; Leighton, M.M. 1966b; Millbrooke 1981; Simon, J.A. 1982
- Collections: ISGS 1986a-; Kent 1982; Shaw, T.H. 1989; Zelinsky 1989; Zelinsky 1991; Zelinsky 1995
- Educational resources: Reinertsen 1987d
- Geochemistry: Ruch 1968; Shiley 1978
- Mineral economics section: Risser, H.E. 1969d
- Publications: Dreher, G.B. 1995; ISGS 1986c-
- Mineral resources: Goodwin 1990; Lamar 1966a; Lamar 1972a; Lamar 1979
- Radiocarbon dates: Coleman 1972; Coleman 1973a; Coleman 1974; Coleman 1975; Kim, S.M. 1969a; Kim, S.M. 1969d; Kim, S.M. 1970a; Liu, Chao-Li 1986a; Liu, Chao-Li 1986b; Liu, Chao-Li 1992
- Research: Bradbury, J.C. 1970b; Frye, J.C. 1966; Frye, J.C. 1967d; Frye, J.C. 1968e; Frye, J.C. 1969b; Frye, J.C. 1970a; Frye, J.C. 1972b; Frye, J.C. 1973c; ISGS 1974; ISGS 1976; ISGS 1977b; ISGS 1983b; ISGS 1990b; Leighton, M.W. 1987a; Shiley 1978
- Water: Brower, R.D. 1982
- Symposia: Agnew 1982; Bergstrom 1982; Davis, G.H. 1982; Frye, J.C. 1982; Gluskoter 1982; Lowenstam 1982; Mast 1982; Prescott, G.W. 1982; Siever 1982; Simon, J.A. 1982; Witherspoon 1982
- Illinois-Michigan Canal:** Smith, L.R. 1986
- Indiana Dunes:** Esser 1991
- Iola Consolidated Field:** Luttrell 1968
- Iron ores:**
- Paleomagnetism: Kean 1981
- Ironton Sandstone:** Emrich 1966; Watso 1988
- Iroquois County (see also subjects):**
- Geologic maps: Wayne 1966
- Geophysical surveys: Heigold 1993d; US Dept. Energy 1981b
- Groundwater: Barker, Bruce 1967; Bergstrom 1970; Collins, M.A. 1987; Cravens 1988; Cravens 1989a; Cravens 1989b; Hamdan 1970; Visocky 1985
- Contamination: Holm, T.R. 1988; Keefer 1995b; Keefer 1995d
- Recharge: Panno 1994b
- Guidebook: Frankie 1996b
- Land use:
- Maps: USGS 1982e
- Mineral resources: Bergstrom 1970; Major 1967a
- Sandstone: Pincus 1981
- Soil surveys: Kiefer, L.M. 1982
- Stratigraphy:
- Cambrian: Baynas 1976
- Silurian: Willman 1973b
- Quaternary: Moore, D.W. 1981
- Structural geology: Wier 1974a
- Tectonics: Wier 1974a
- Till: Johnson, W.H. 1986c
- Waste disposal:
- Planning: Bergstrom 1970
- Isotope geochemistry:** Coleman 1981a; Kim, S.M. 1969b; Kim, S.M. 1969c
- Iuka Field:** Helpingstine 1988a
- Jackson County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Devera 1993; Devera 1995a; Jacobson, R.J. 1993b
- Chert: Allen, R.S. 1985
- Clay and shale: Treworgy, J.D. 1985
- Geochemistry: Coveney 1988
- Sedimentary petrology: Burk 1987; Stutzman 1983
- Coal: Burk 1987; Frank, C.O. 1977; Greater Egypt 1978a; Jacobson, R.J. 1983a

- Geophysical surveys: Grodi 1988
 Sedimentary petrology: Kravits 1980;
 Stutzman 1983
 Coal mine lakes:
 Maps: Voelker 1985
 Coal mines: ISGS 1994-1996
 Geophysical surveys: Grodi 1988
 Trace elements: Tedesco 1980
 Earthquakes: Cent. US Earthquake 1985;
 Dobrovolsky 1985; USGS 1990
 Engineering geology: Miller, S.O. 1987
 Faults: Johnson, V.C. 1970; Nelson, W.J. 1981a;
 Olsson 1968
 Geochemistry: Bullock 1991a; Bullock 1991b;
 Bullock 1991c; Bullock 1991d; Bullock
 1991e; Bullock 1991f
 Geologic maps: Gray, H.H. 1991b
 Geophysical surveys: Gognat 1977; Heigold
 1976; Heigold 1993b; Hildenbrand 1977a;
 Hildenbrand 1977b; Hildenbrand 1977c;
 Hildenbrand 1979a; Hildenbrand 1996;
 Kucks 1990; Schafersman 1973; Smith,
 M.J. 1975; US Ener. Res. 1979
 Groundwater: Poole 1984; Poole 1985b; Poole
 1989; Zehner 1968
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Cecil 1989; Collinson 1978; Esling
 1995; Ethridge 1973b; Ethridge 1976;
 Frank, C.O. 1977; Frankie 1995a; Harris,
 S.E. Jr. 1977; Palmer, J.E. 1979a;
 Reinertsen 1971c; Reinertsen 1986b;
 Reinertsen 1988d; Simon, J.A. 1966a;
 Wilson, G.M. 1966e
 Hydrogeology: McDonald, T.A. 1994
 Land use: Econ 1975; IL EPA 1978
 Maps: USGS 1977c; USGS 1979a
 Limestone and dolomite: Feiznia 1983;
 Fraunfelter 1973b; Fraunfelter 1979;
 Treworgy, J.D. 1985
 Sedimentary petrology: Carozzi 1968;
 Devera 1986; Lasemi, Yaghoob 1980;
 Popp, B.N. 1986
 Maps:
 Glacial: Trent, G.C. 1994
 Mineral resources: Heyl 1966b; Major 1966c
 Economic geology: Eidel 1993b
 Mapping: Eidel 1993a
 Paleobotany: Gastaldo 1978a; Jennings 1974;
 Jennings 1975; Jennings 1979a
 Paleoecology: Jackson, S.T. 1983
 Paleogeographic maps: Willman 1980
 Paleontology: Allen, R.S. 1985; Baesemann
 1966; Birkhead 1973; Devera 1986;
 Devera 1987; Fraunfelter 1970b;
 Fraunfelter 1970d; Fraunfelter 1980;
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 Shomali 1970; Thein 1974
 Palynology: Peppers 1993a
 Peat: Crelling 1983
 Sand and gravel:
 Sedimentary petrology: Ehrlinger 1970;
 Haberfeld 1977
 Sandstone: Cole, R.D. 1995; Ethridge 1976;
 Kehlenbach 1969; Klee 1985; Treworgy,
 J.D. 1985; Wescott 1976; Wescott 1982
 Sedimentary petrology: Carozzi 1968;
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 Sedimentation:
 Quaternary: Trent, G.C. 1994
 Soil surveys: Herman 1979
 Stratigraphy:
 Ordovician: Nelson, W.J. 1996a
 Devonian: Frank, C.O. 1977; Nelson, W.J.
 1996a; North, W.G. 1969a; North, W.G.
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 Mississippian: Cecil 1989; Cole, R.D. 1995;
 Collinson 1978; Ethridge 1973b; Heivilin
 1967; Kehlenbach 1969; Nelson, W.J.
 1996a; Randall, J.W. 1970; Treworgy,
 J.D. 1985
 Pennsylvanian: Bailey 1975; Cecil 1989;
 Ethridge 1973b; Gopinath 1972; Greater
 Egypt 1978b; Leming 1973; Nelson, W.J.
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 1979c; Palmer, J.E. 1985; Searight 1979;
 Sonnefield 1981
 Quaternary: Esling 1995; Flowers 1969;
 Frank, C.O. 1977; McDonald, T.A. 1994
 Tectonics: Schafersman 1973
 Watersheds: Econ 1975; Miller, S.O. 1993
Jamestown Coal Member: Treworgy, J.D. 1984a
Jamestown Cyclothem: Givens 1968
Jasper County (see also subjects):
 Areal geology: Kircher 1967

- Clay and shale: Treworgy, J.D. 1985; White, W.A. 1967
- Coal: Treworgy, C.G. 1996c
- Coal mines: ISGS 1994-1996
- Earthquakes: Reagor 1987
- Geologic maps: Gray, H.H. 1970; Gray, H.H. 1979; Gray, H.H. 1991b
- Geophysical surveys: Ahbe 1978; Heigold 1993h; Heigold 1993i; US Dept. Energy 1981e; US Dept. Energy 1981i
- Groundwater: Poole 1985a; Ringler 1980; Wehrmann 1980
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Reinertsen 1973b; Weibel 1989a; Weibel 1989b
- Land use:
- Maps: USGS 1979d; USGS 1980c; USGS 1981a
- Limestone and dolomite: Lineback 1985; Manley 1993; Treworgy, J.D. 1985; Winternheimer 1996
- Mineral resources: Major 1966c
- Oil and gas fields: Loveless 1968a; Manley 1993; McKay, E.D. 1968; Zuppann 1988a
- Paleontology: DeMar 1970; Petzold 1988; Weibel 1988
- Petroleum: Winternheimer 1996
- Production: Bristol 1966; Maslowski 1985b
- Sandstone: Treworgy, J.D. 1985
- Soil surveys: Bramstedt 1992
- Stratigraphy:
- Devonian: North, W.G. 1969a; North, W.G. 1969b
- Mississippian: Treworgy, J.D. 1985
- Pennsylvanian: Horne 1968; Weibel 1988; Weibel 1989a
- Structural geology: Wier 1974b; Wier 1974c
- Tectonics: Wier 1974b; Wier 1974c
- Jefferson County (see also subjects):**
- Areal geology: Caserotti 1983; Kircher 1967
- Clay and shale: Treworgy, J.D. 1985
- Sedimentary petrology: Burk 1982; Burk 1987; Edwards, M.J. 1976; Edwards, M.J. 1979
- Coal: Allgaier 1975; Burk 1987; Greater Egypt 1978a; Hopkins, M.E. 1968
- Geochemistry: Oman 1994
- Sedimentary petrology: Chou, Chen-Lin 1991a; Edwards, M.J. 1979; Padgett 1980
- Strippable resources: Nance 1981
- Coal mine lakes:
- Maps: Voelker 1985
- Coal mines: ISGS 1994-1996
- Engineering geology: Scott, J.J. 1981
- Groundwater (effect on): Booth, C.J. 1992a; Booth, C.J. 1992b; Spande 1990
- Land subsidence: Booth, C.J. 1996b
- Land subsidence: Booth, C.J. 1992a; Booth, C.J. 1992b; Carpenter, P.J. 1995; Darmody 1992; Kawamura 1994; Mehnert, B.B. 1992; Powell, L.R. 1988b; Powell, L.R. 1992; Spande 1990
- Reclamation: Indorante 1981a; Indorante 1981b
- Faults: Keys 1980; Nelson, W.J. 1987e
- Geologic maps: Gray, H.H. 1991b
- Geophysical surveys: Ahbe 1978; Caserotti 1983; Heigold 1976; Heigold 1993i; Heigold 1993k; Schaferman 1973
- Groundwater:
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Graham, R.W. 1986; Harris, S.E. Jr. 1977; Reinertsen 1989a
- Limestone and dolomite: Bandy 1993; Treworgy, J.D. 1985
- Mineral resources: Major 1966c
- Oil and gas fields: Bandy 1993; Hollensbe 1988a; Leetaru 1991b; Leetaru 1993a; Leetaru 1993b; Leetaru 1996b; Schuler 1988
- Paleobotany: DiMichele 1987; Pigg 1983
- Paleontology: Carroll 1972; Conkin, J.E. 1979; Lund, Richard 1978
- Petroleum engineering: Leetaru 1991b; Leetaru 1993b; Leetaru 1996b
- Petroleum exploration: Leetaru 1990; Leetaru 1991a; Leetaru 1993a; Maslowski 1988
- Sandstone: Treworgy, J.D. 1985
- Sedimentary petrology: Cole, R.D. 1990
- Soils: Indorante 1981a; Indorante 1981b
- Stratigraphy:
- Devonian: North, W.G. 1969a; North, W.G. 1969b
- Mississippian: Cole, R.D. 1990; Treworgy, J.D. 1985
- Pennsylvanian: Chang, S.Y. 1974; Greater Egypt 1978b; Horne 1968
- Quaternary: Chang, S.Y. 1974; Graham, R.W. 1986

- Tectonics: Schafersman 1973
- Jersey County (see also subjects):**
- Coal mines: ISGS 1994-1996
- Geologic maps: Schultz 1993; Whitfield 1993
- Geophysical surveys: Heigold 1976; Heigold 1979b; Heigold 1993j; Heigold 1993k; Schafersman 1973; US Dept. Energy 1981f; US Dept. Energy 1981h
- Groundwater: Gibb 1979
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Collinson 1969; Collinson 1978; Graham, R.W. 1986; Harris, S.E. Jr. 1977; McKay, E.D. 1979b; Reinertsen 1976; Reinertsen 1991c; Styles, T.R. 1986; Treworgy, J.D. 1979a; Treworgy, J.D. 1979b
- Land use: IL EPA 1978
- Maps: USGS 1979e; USGS 1980a; USGS 1982c
- Limestone and dolomite: Baxter 1970
- Paleobotany: Brenckle 1977; Brown, D.D. 1969; Leary 1985b; Leary 1986
- Paleontology: Brenckle 1982; Conkin, J.E. 1965; Garney 1983; Kammer 1993; Whitney 1969a; Whitney 1969b
- Sand and gravel: Meyers, J.T. 1970
- Soil surveys: Fehrenbacher 1966
- Stratigraphy: Collinson 1969
- Ordovician: Treworgy, J.D. 1979b
- Silurian: Treworgy, J.D. 1979b
- Devonian: Treworgy, J.D. 1979b
- Mississippian: Collinson 1978; Collinson 1981; Moore, M.C. 1970; Treworgy, J.D. 1979b
- Quaternary: Graham, R.W. 1986; McKay, E.D. 1979b
- Structural geology: Treworgy, J.D. 1979b
- Tectonics: Schafersman 1973
- Jo Daviess County (see also subjects):**
- Areal geology: Brown, W.J. 1970; Brownfield 1969
- Clay minerals: Matthews 1988
- Engineering geology: Brownfield 1969
- Fossils:
- Collecting: Mori 1981; Pine 1976
- Galena:
- Collecting: Mori 1981
- Geologic maps: Hallberg 1991; Whitlow 1966
- Geophysical surveys: Aiken 1983; Heigold 1993g; Heyl 1966a; US Dept. Energy 1981d; USGS 1982a
- Groundwater: Nealon 1989; Visocky 1985
- Contamination: Keefer 1995b; Keefer 1995d
- Withdrawals: Sasman 1973
- Guidebook: Cote, W.E. 1971; Reinertsen 1972d; Reinertsen 1985a; Reinertsen 1989b; Reinertsen 1992b; Reinertsen 1994a
- Land use:
- Maps: USGS 1982g
- Lead and zinc ores: Moore, D.M. 1976
- Mining: Touseull 1980
- Loess: Leigh 1994a
- Mineral resources: Brown, W.J. 1970; Heyl 1966a; Heyl 1982; Major 1967b
- Paleontology: Bork 1967; Bork 1968a; Bork 1968b; Bork 1987; Kolata 1982a; Kolata 1986a; Snyder, Jeremy 1971
- Soil surveys: Tegeler 1996
- Stratigraphy:
- Silurian: Willman 1973b
- Quaternary: Willman 1989
- Till: Frye, J.C. 1969a
- Watersheds: Pavlowsky 1995
- Joachim Dolomite:** Allen, R.D. 1981; Okhravi 1983a; Okhravi 1983b; Swingen 1981
- Johnson County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Devera 1991; Gauss 1967; Jacobson, R.J. 1991; Jacobson, R.J. 1992; Knight, L.W. 1968; Nelson, W.J. 1991b; Nelson, W.J. 1993; Nelson, W.J. 1995a; Nelson, W.J. 1996c; Nelson, W.J. 1996d; Weibel 1993a
- Clay and shale: Treworgy, J.D. 1985
- Trace elements: Keck 1973
- Coal mine lakes:
- Maps: Voelker 1985
- Coal mines: ISGS 1994-1996
- Geochemistry: Bullock 1991c; Bullock 1991d
- Geologic maps: Gray, H.H. 1991b; Nelson, W.J. 1990c; Trask 1990
- Geophysical surveys: Ahbe 1978; Gognat 1977; Heigold 1970a; Heigold 1976; Heigold 1993b; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990;

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Ener. Res. 1979
- Groundwater:
Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Cecil 1989; Cote, W.E. 1966;
Devera 1990a; Ethridge 1973b; Ethridge
1976; Harris, S.E. Jr. 1977; Palmer, J.E.
1979a; Reinertsen 1978b; Reinertsen
1987e; Simon, J.A. 1966a
- Land use:
Maps: USGS 1977c; USGS 1979a
- Limestone and dolomite: Feiznia 1983;
Treworgy, J.D. 1985
- Sedimentary petrology: Harris, C.D. 1987;
Lasemi, Yaghoob 1980
- Mineral resources: Heyl 1966b; Major 1966a
Economic geology: Eidel 1993b; Major 1966a
Mapping: Eidel 1993a
- Paleobotany: Jennings 1976; Jennings 1977
- Paleoecology: Somasekhara 1970
- Paleogeographic maps: Willman 1980
- Paleontology: Cole, G.A. 1977; Fraunfelter
1986a; Fraunfelter 1989; Hood, S.D. 1972;
Kammer 1987; Somasekhara 1970;
Stanley, R.G. 1980; Thein 1974; Weibel
1992
- Palynology: Peppers 1993a
- Sandstone: Cole, R.D. 1995; Ethridge 1976;
Kehlenbach 1969; McKay, R.H. 1980;
Treworgy, J.D. 1985; Wescott 1976;
Wescott 1982
- Sedimentary petrology: Carozzi 1988; Kvale
1991; Ou 1983; Simon, J.A. 1966a;
Spraitzar 1977
- Stratigraphy:
Ordovician: Nelson, W.J. 1996a
Devonian: Nelson, W.J. 1996a; North, W.G.
1969a; North, W.G. 1969b
Mississippian: Cecil 1989; Cole, R.D. 1995;
Ethridge 1973b; Heivilin 1967;
Kehlenbach 1969; McKay, R.H. 1980;
Nelson, W.J. 1996a; Randall, J.W. 1970;
Treworgy, J.D. 1985; Weibel 1992
Pennsylvanian: Bohm 1981; Cecil 1989;
Ethridge 1973b; Gopinath 1972;
Jacobson, R.J. 1987a; Koeninger 1978;
Koeninger 1979; Nelson, W.J. 1996a;
Palmer, J.E. 1979a; Searight 1979; Sliva
1972; Weibel 1992
- Quaternary: Esling 1989a; Esling 1989b;
Lannon 1988; Lannon 1992; Leach 1989;
Leonard, T.A. 1989; Riggs 1990; Riggs
1992
- Tectonics: Schaferman 1973
- Johnsonville Field:** Jobe 1995
- Johnston City East Field:** Bell, Frank 1968
- Joppa Member:** McKay, R.H. 1980
- Junction Field:** Phillips, Bruce 1988
- Kames:** Gergen 1986
- Kane County (see also subjects):**
Areal geology: Curry 1988; Hines 1986;
Kempton 1987a; Kempton 1987b; Vaiden
1988; Willman 1971b
Bedrock topography: Vaiden 1990
Clay and shale:
Sedimentary petrology: Graese 1991
Engineering geology: Bauer, R.A. 1991b
Bibliography: Dixon 1985a
Floods: Mycyk 1972a; Mycyk 1972b; Mycyk
1973a; Walter, G.L. 1971
Fossils:
Collecting: Pine 1976
Geologic maps: Willman 1970d
Geophysical surveys: Gendron 1988; Heigold
1990c; Heigold 1993e; Larson, T.H.
1991b; Larson, T.H. 1992c; Matheney
1991; McGinnis, L.D. 1966a
Groundwater: Ackermann 1975; Avery 1995b;
Hughes, G.M. 1966; ISWS 1973; Kay,
R.T. 1996b; Kempton 1977; Laymon
1989; McFadden 1988; McFadden 1989a;
McFadden 1989b; Moench 1971; Nealon
1989; Sasman 1980; Sasman 1981a;
Sasman 1981b; Schumacher 1990; Taylor,
G.C. 1988; Thomsen 1974; Vaiden 1989;
Visocky 1985; Visocky 1988; Visocky
1990; Woller 1978c
Contamination: Keefer 1995b; Keefer 1995d;
Minear 1973
Databases: Eidel 1989
Economic geology: ISWS 1974; Visocky
1982a
Hydrochemistry: Balding 1991; Gilkeson,
R.H. 1981; Siegel 1990
Hydrogeology: Curry 1990c; Fitzpatrick,
F.A. 1992; Gilkeson, R.H. 1987a; Hughes,
G.M. 1971a; Larson, T.H. 1991a; Larson,
T.H. 1992b; Morse, W.J. 1991

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 Radium: Gilkeson, R.H. 1988
 Recharge: Burch 1991; Keifer & Assoc. 1976b; McDonald, C.K. 1967; Nielsen 1984; Schicht 1977; Visocky 1982b
 Water use: Schicht 1971b
 Withdrawals: Sasman 1967; Sasman 1973; Sasman 1974b; Sasman 1977b; Sasman 1986; Visocky 1993
 Guidebook: Berggren 1980a; Buschbach 1970a; Flemal 1972c; Reinertsen 1986a; Stravers 1994
 Hydrogeology: Williams, R.E. 1966
 Land use: Allen, B.L. 1975; Bogner, J.E. 1976a; Dilamarter 1967; Gilkeson, R.H. 1976; Hines 1986; Sieben 1993; Thomsen 1974
 Maps: Dahlberg 1985b; USGS 1980d
 Planning: Sieben 1995
 Limestone and dolomite: Mikulic 1985c
 Mineral resources: Major 1968; Sieben 1993; Sieben 1995
 Economic geology: Major 1968
 Paleontology: Leonard, A.B. 1974
 Peat: Hester 1969a; Masters 1978
 Sand and gravel: Cobb, J.C. 1981a; Masters 1978; Sieben 1993
 Sedimentation:
 Glacial: Fraser, G.S. 1982
 Soil surveys: Goddard 1979
 Soils: Greenpool 1990; Hinkley 1970
 Stratigraphy: Mikulic 1990a
 Cambrian: Baynas 1976
 Silurian: Willman 1973b
 Quaternary: Allen, B.L. 1975; Cobb, J.C. 1974b; Curry 1990a; Curry 1990b; Curry 1990d; Erdmann 1990; Gross 1969; Kempton 1968c; Kempton 1990; Landon 1971; Reed, P.C. 1972; Reed, P.C. 1975; Stravers 1994
 Structural geology: Foote 1982; McGinnis, L.D. 1966a
 Till: Kemmis 1979; Wickham, S.S. 1979; Wickham, S.S. 1988
 Waste disposal: Cartwright, Keros 1968a; Hughes, G.M. 1969a; Hughes, G.M. 1969b; Hughes, G.M. 1971a; Hughes, G.M. 1971b; Hughes, G.M. 1976; Landon 1976; Schicht 1973; Shuster 1976a
Kankakee Arch: Reinertsen 1981d
Kankakee County (see also subjects):
 Areal geology: Willman 1971b
 Clay and shale:
 Sedimentary petrology: Olson, R.K. 1973
 Coal:
 Strippable reserves: Smith, W.H. 1968
 Coal mine lakes: Gibb 1978b
 Coal mines: Bradford 1983; ISGS 1994-1996
 Waste: Bradford 1987
 Floods: Allen, H.E. 1969a; Allen, H.E. 1969b; Allen, H.E. 1970
 Quaternary: Carnaghi 1979
 Fossils:
 Collecting: Pine 1976
 Geologic maps: Schneider 1970; Willman 1970d
 Geophysical surveys: Flint 1970; Heigold 1993e; McGinnis, L.D. 1966a; US Dept. Energy 1980
 Groundwater: Barker, Bruce 1967; Collins, M.A. 1987; Cravens 1988; Cravens 1989a; Cravens 1989b; Nealon 1989
 Contamination: Barnhardt 1992a; Barnhardt 1992c; Keefer 1995b; Keefer 1995d; Mehnert, Edward 1995; Schock, S.C. 1993
 Withdrawals: Sasman 1973
 Guidebook: Berggren 1975; Cote, W.E. 1967b; Hansel, A.K. 1986c; Reinertsen 1984c; Reinertsen 1992c
 Land use:
 Maps: USGS 1979c
 Limestone and dolomite: Mikulic 1985c
 Mineral resources: Major 1967a
 Paleontology: Baird, G.C. 1985a; Baird, G.C. 1986; Baird, G.C. 1990b; Bardack 1977; Carman 1989; Denison, R.H. 1969; Duluk 1968; Edgecombe 1991; Godfrey 1995; Hannibal 1981b; Jones, D.S. 1977; Marshall, C.R. 1988; McGhee 1982a; Nitecki, M.H. 1976; Richardson, E.S. Jr. 1966b; Richardson, E.S. Jr. 1980b; Schram 1969b; Schram 1973b; Schram 1975a; Schultze 1987; Thompson, Ida 1977; Thompson, Ida 1979a; Thompson, Ida 1980
 Sand and gravel: Carnaghi 1979
 Sedimentary petrology: Ehrlinger 1969; Ehrlinger 1974
 Sandstone:
 Sedimentary petrology: Olson, R.K. 1973

- Soil surveys: Paschke 1979
 Soils: Ballagh 1969; Ballagh 1970
 Stratigraphy:
 Cambrian: Baynas 1976; Olson, R.K. 1973
 Ordovician: Kluessendorf 1991; Mikulic 1987a
 Silurian: Kluessendorf 1991; Mikulic 1987a; Willman 1973b
 Pennsylvanian: Baird, G.C. 1980
 Quaternary: Gergen 1986; Hansel, A.K. 1986c
 Structural geology: Foote 1982; McGinnis, L.D. 1966a
 Water use: LaTour 1991
 Wetlands: Mitsch 1979
Kankakee River basin: Barker, Bruce 1967; Bhowmik 1981; Gross 1981
Kaolinite (see Clay minerals)
Karnak Limestone Member: Bristol 1976
Karst (see Groundwater)
Kaskaskia Sequence: Devera 1990b; Kruger 1992; Treworgy, J.D. 1990c; Treworgy, J.D. 1990d
Keenville Field: Stevenson 1978; Stevenson 1979; Tucker, M. 1988
Kellerville Till Member: Wickham, J.T. 1980
Kendall County (see also subjects):
 Areal geology: Curry 1988; Kempton 1987a; Willman 1971b
 Coal mines: Bradford 1983
 Waste: Bradford 1987
 Engineering geology: Bauer, R.A. 1991b
 Faults: Kolata 1978
 Geologic maps: Willman 1970d
 Geophysical surveys: Gendron 1988; Georgiou 1970; Heigold 1990c; Heigold 1993e; McGinnis, L.D. 1966a
 Groundwater: Avery 1995b; Fedor 1971; McFadden 1989b; Naymik 1982; Nealon 1989; Sasman 1980; Sasman 1981a; Sasman 1981b; Visocky 1985; Visocky 1988; Woller 1974g
 Contamination: Keefer 1995b; Keefer 1995d
 Management: Barnes, M.J. 1987
 Recharge: Burch 1991; McDonald, C.K. 1967; Visocky 1982b
 Withdrawals: Sasman 1973
 Guidebook: Flemal 1972c; Reinertsen 1984c; Reinertsen 1992c
 Hydrogeology: Williams, R.E. 1966
 Land use:
 Maps: Dahlberg 1985b
 Limestone and dolomite: Mikulic 1985c
 Mineral resources: Fedor 1971; Major 1967a
 Soil surveys: Paschke 1978
 Stratigraphy:
 Silurian: Willman 1973b
 Quaternary: Brossman 1982; Kempton 1968c; Reed, P.C. 1972
 Structural geology: Foote 1982; McGinnis, L.D. 1966a
 Till: Killey 1980; Wickham, S.S. 1979; Wickham, S.S. 1988
 Waste disposal:
 Planning: Fedor 1971
 Wetlands: Miner 1994b
Keokuk Limestone: Banner 1986; Banner 1988a; Banner 1988b; Banner 1988c; Brenckle 1982; Cander 1988; Choquette 1992; Hanson, G.N. 1984; Hanson, G.N. 1989; Harris, D.C. 1987; Hoff 1992; Kammer 1994; Kaufman, Jonathan 1988; Lineback 1981; Lineback 1988e
Kincaid Consolidated Field: Dean 1988
Kinderhookian Series: Moore, M.C. 1970
King Field: Leetaru 1991b; Leetaru 1993a; Leetaru 1996b
Kinkaid Limestone: Carozzi 1968; Cole, G.A. 1977; Lasemi, Yaghoob 1980; Randall, J.W. 1970; Trace 1985
Knox County (see also subjects):
 Clay and shale:
 Geochemistry: Desborough 1990; Moore, D.M. 1978
 Mineralogy: Desborough 1990
 Sedimentary petrology: Sotonoff 1976
 Coal:
 Geochemistry: Oman 1994
 Trace elements: Cobb, J.C. 1978b
 Coal mine lakes: Gibb 1978b
 Coal mines: ISGS 1994-1996
 Reclamation: Grandt 1978b; Grandt 1981; McSweeney, K. 1981; Mostaghimi 1983; Snarski 1981
 Geologic maps: Hallberg 1991
 Geomorphology: Cassady 1978

- Geophysical surveys: Heigold 1993f; Heigold 1993g; US Dept. Energy 1981a; US Dept. Energy 1981c
- Groundwater: Brueckmann 1968; Ehrlich, Marvin 1987; Nealon 1989; Visocky 1985; Woller 1988
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Reinertsen 1973a
- Land use: IL Dept. Ener. Nat. Res. 1990b
- Maps: USGS 1979b; USGS 1982f
- Limestone and dolomite:
- Sedimentary petrology: Cloos 1981
- Mineral resources: Major 1967d
- Paleoecology: Merrill 1975a
- Paleontology: Merrill 1971; Merrill 1975a; Merrill 1975b; Shabica 1978; Sohn 1975
- Sandstone:
- Sedimentary petrology: Nunn, J.R. 1986
- Soil surveys: Windhorn 1986
- Soils: Cassidy 1978; Mostaghimi 1983; Snarski 1981
- Stratigraphy: James, A.T. 1968
- Pennsylvanian: Leary 1974; Shabica 1978
- Quaternary: Fleeger 1980
- Waste disposal: Ehrlich, Marvin 1987
- Knox Supergroup:** Droste 1988a; Stevenson 1982
- La Moine River Basin:** Barker, Bruce 1970
- La Salle anticlinal belt:** Clegg 1970; Miller, B.P. 1995; Qi 1993; Zuppann 1988d
- La Salle County (see also subjects):**
- Clay and shale: Kuecher 1990
- Geochemistry: Coveney 1988; Desborough 1990
- Metals: Coveney 1983
- Mineralogy: Desborough 1990
- Sedimentary petrology: Olson, R.K. 1973; Sotonoff 1976; Woodland 1979
- Coal: Jacobson, R.J. 1985a; Peppers 1970b
- Strippable reserves: Smith, W.H. 1968
- Coal mines: Bradford 1983; ISGS 1994-1996
- Reclamation: Bannister 1979; Harrison, Wyman 1979a; Harrison, Wyman 1979b; Harrison, Wyman 1980
- Waste: Bradford 1987; Haigh 1982; Khan, L.A. 1986a; Lindorff 1981
- Faults: Kolata 1978
- Fossils:
- Collecting: Pine 1976
- Geomorphology: Flemal 1970b; Hunt, S.R. 1975
- Geophysical surveys: Aiken 1983; Georgiou 1970; Heigold 1993e; Larson, T.H. 1994; McGinnis, L.D. 1966a; USGS 1982a
- Glaciation: Johnson, W.H. 1990b
- Groundwater: Gibb 1979; Hoover 1967; Nealon 1989; Visocky 1985; Willman 1973a
- Contamination: Keefer 1995b; Keefer 1995d
- Management: Barnes, M.J. 1987
- Recharge: McDonald, C.K. 1967
- Withdrawals: Sasman 1973
- Guidebook: Buschbach 1970a; Follmer 1986c; Frankie 1995c; Gooden 1968; Johnson, W.H. 1985; Johnson, W.H. 1986d; Johnson, W.H. 1987; Nelson, R.S. 1984; Nelson, R.S. 1988; Nelson, R.S. 1996; Odom 1970a; Reinertsen 1971b; Reinertsen 1984c; Reinertsen 1986d; Reinertsen 1992c; Stravers 1994; Trask 1987
- Land use:
- Maps: Dahlberg 1985b
- Landslides: DuMontelle 1971b
- Limestone and dolomite: Jacobson, R.J. 1983b; Merrill 1980b
- Sedimentary petrology: Hughes, D.M. 1972; Jansa 1970; Kuhnhehn 1976; Kuhnhehn 1977
- Mineral resources: Major 1967a; Willman 1973a
- Minerals:
- Collecting: Mori 1980b
- Paleobotany: Baird, G.C. 1982; Garry 1990; Hein 1972
- Paleoecology: Hickey 1981
- Paleontology: Baird, G.C. 1979; Baird, G.C. 1985a; Baird, G.C. 1986; Baird, G.C. 1990b; Collinson 1972a; Garry 1990; Hickey 1987; Martin, M.D. 1974; Merrill 1976; Shabica 1978; Springer 1981
- Palynology: Peppers 1970b
- Sandstone:
- Sedimentary petrology: Grutzeck 1986; Kirchner 1989; Nunn, J.R. 1986; Olson, R.K. 1973
- Soil surveys: Alexander, J.D. 1972
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- Erosion: Leedy 1979
- Stratigraphy:
- Cambrian: Baynas 1976; Odom 1970a; Olson, R.K. 1973

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 Pennsylvanian: Baird, G.C. 1980; Hunt, S.R. 1975; Jacobson, R.J. 1983b; Shabica 1978; Trask 1987
 Quaternary: Follmer 1986c; Johnson, W.H. 1985; Johnson, W.H. 1987; Kerasotes 1989; Stravers 1994; Willman 1971a
 Structural geology: Foote 1982; McGinnis, L.D. 1966a
 Till: Hansel, A.K. 1987b; Killey 1980
 Watersheds: US Soil 1973
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 Areal geology: Willman 1971b
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 Earthquakes: Bohn 1983b; Sharpe 1979
 Engineering geology:
 Bibliography: Dixon 1985a
 Geologic maps: Riggs 1993a; Riggs 1993L; Willman 1970d
 Geophysical surveys: Heigold 1993e; McGinnis, L.D. 1966a; US Dept. Energy 1981g
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 Contamination: Keefer 1995b; Keefer 1995d
 Economic geology: ISWS 1974
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- Livingston County (see also subjects):**
- Clay and shale:
- Sedimentary petrology: Olson, R.K. 1973
- Coal: Jacobson, R.J. 1985a; Peppers 1970b
- Strippable reserves: Smith, W.H. 1968
- Coal mines: ISGS 1994-1996
- Engineering geology: Thornburn 1966
- Geomorphology: Fleming, A.J. 1987
- Geophysical surveys: Georgiou 1970; Heigold 1993d; Heigold 1993e; McGinnis, L.D. 1966a
- Groundwater: Nealon 1989; Visocky 1985; Woller 1986b
- Contamination: Barnhardt 1992c; Keefer 1995b; Keefer 1995d; Mehnert, Edward 1995; Schock, S.C. 1993; Vaisanen 1992
- Guidebook: Flemal 1972c; Follmer 1986c; Frankie 1995c; Hansel, A.K. 1986c; Nelson, R.S. 1984; Reinertsen 1988b
- Lead and zinc ores:
- Collecting: Pittman 1984a
- Limestone and dolomite: Fraser, G.S. 1991b; Jacobson, R.J. 1983b
- Sedimentary petrology: Fraser, G.S. 1970
- Mineral resources: Major 1967a
- Paleobotany: King, J.E. 1981; King, J.E. 1986a
- Paleontology: Anonymous 1968; Baird, G.C. 1985a; Leonard, A.B. 1974; Lewis, Ronald D. 1990; Shabica 1978; Strimple 1971a; Strimple 1971b; Strimple 1973c; Strimple 1979; Thein 1974
- Palynology: Peppers 1970b
- Sandstone:
- Sedimentary petrology: Olson, R.K. 1973
- Soil surveys: Higgins 1996
- Stratigraphy:
- Cambrian: Baynas 1976; Olson, R.K. 1973
- Pennsylvanian: Baird, G.C. 1980; Jacobson, R.J. 1983b; Shabica 1978
- Quaternary: Follmer 1986c; Hansel, A.K. 1986c; Kerasotes 1989
- Structural geology: McGinnis, L.D. 1966a
- Till: Johnson, W.H. 1986c; Killey 1980; Killey 1982b
- Watersheds: Arnold 1996; Melching 1990
- Wetlands: King, J.E. 1986a
- Livingston Limestone Member:** Gager 1976; Gager 1980; Giffin 1978; Stanonis 1977
- Loess:** Chamberlin, T.C. 1975; Fehrenbacher 1986a; Follmer 1996; Franzmeier 1989; Glass 1968; Killey 1975a; Killey 1982a; Leigh 1991; Leigh 1994b
- Deposition: Fehrenbacher 1973; Forman 1992; Frazee, C.J. 1969; Frazee, C.J. 1970; Frazee, C.J. 1975; Van Heuklon 1977; Waggoner 1975
- Engineering geology: Gibson, Robert 1979; Keene 1969
- Geochemistry: Jones, R.L. 1967
- Geochronology: Canfield 1985; Clark, P.U. 1989b; Oches 1996
- Liquefaction: Sandoval-Shannon 1989
- Magnetic susceptibility: Grimley 1996
- Maps: Willman 1970b
- Mineral zonation: Frye, J.C. 1968d
- Mineralogy: Grimley 1996; Jones, R.L. 1967
- Morphology: McSweeney, K. 1988; Putman 1988

- Sedimentary petrology: Frazee, C.J. 1969;
Frazee, C.J. 1970; Frazee, C.J. 1975;
Hansen 1970; Lohse 1979
- Stratigraphy: Bettis 1995a; Clark, P.U. 1989b;
Fehrenbacher 1973; Frye, J.C. 1968a;
Grimley 1996; Kleiss 1973; McKay, E.D.
1977; McKay, E.D. 1979c; Norton, L.D.
1988
- Thickness: Fehrenbacher 1986b; Frazee, C.J.
1969; Frazee, C.J. 1970; Frazee, C.J.
1975; Jones, R.L. 1966; Putman 1988;
Waggoner 1975
- Logan County (see also subjects):**
Areal geology: Follmer 1985c
Coal: Avcin 1969; Treworgy, C.G. 1994
Coal mines: ISGS 1993-1995; ISGS 1994-1996
Geologic maps: Gray, H.H. 1991b
Geophysical surveys: Heigold 1993f; Heigold
1993h
Groundwater: Clark, G.R. 1994; Heidari 1996b;
O'Hearn 1982; Risatti 1995; Risatti 1996;
Wilson, S.D. 1994
Contamination: Keefer 1995b; Keefer 1995d
Land use:
Maps: USGS 1979d; USGS 1980c
Limestone and dolomite: Baxter 1989c
Mineral resources: Major 1967a
Soil surveys: Hudelson 1974
Stratigraphy:
Mississippian: Moore, M.C. 1970
Pennsylvanian: Avcin 1969
- Lonsdale Limestone Member:** Merrill 1980b
- Louden Anticline:** Cluff 1980b; Zuppann 1988f
- Loveland Silt:** Graham, R.C. 1985
- Mackinaw Bedrock Valley:** Wilson, S.D. 1994
- Macon County (see also subjects):**
Coal: Avcin 1969
Coal mines: ISGS 1994-1996
Geologic maps: Gray, H.H. 1991b
Geomorphology: Hester 1971; Mason, R.M. 1973
Geophysical surveys: Curro 1967; Heigold 1993h
Groundwater: Bergstrom 1976; Burris 1981;
Heigold 1985a; Kempton 1982a; O'Hearn
1982; Poole 1981a
Contamination: Holm, T.R. 1988; Keefer
1995b; Keefer 1995d
Guidebook: Follmer 1986c; Follmer 1986g; ISGS
1982b; Reinertsen 1991a
Hydrogeology: Vukovich 1967
- Land use:
Maps: USGS 1979d; USGS 1980c
Limestone and dolomite: Baxter 1989c;
Lineback 1981
Mineral resources: Bergstrom 1976; Major 1967a
Sand and gravel: Hester 1969b; Hester 1970a
Soil surveys: Doll 1990
Soils: Keefer 1994
Stratigraphy: Atherton 1966
Mississippian: Moore, M.C. 1970
Pennsylvanian: Avcin 1969; Horne 1968
Quaternary: Follmer 1986c; Follmer 1986g
Waste disposal:
Planning: Bergstrom 1976
- Macoupin County (see also subjects):**
Clay and shale:
Sedimentary petrology: Breyer 1992
Coal: DeMaris 1990; Nelson, W.J. 1987b;
Treworgy, C.G. 1996b
Geochemistry: Oman 1994
Sulfur: Murphy, T.D. 1993
Coal mines: Beerkircher 1995; ISGS 1994-1996;
Wm. Smith & Assoc. 1981
Engineering geology: Nelson, W.J. 1980
Land subsidence: Darmody 1994a; Darmody
1996d; Nawrot 1977b
Reclamation: Argonne 1978; Argonne 1979;
O'Connor, S.H. 1977; Vipulanandan
1982; Vipulanandan 1983; Wilkey 1979;
Zellmer 1977; Zellmer 1979a; Zellmer
1979b
Rock mechanics: Breyer 1992
Roof failure: Nelson, W.J. 1980
Waste: Edkins 1981; Krothe 1980; Schubert
1977
Geologic maps: Gray, H.H. 1991b; Whitfield
1993
Geophysical surveys: Heigold 1993j; US Dept.
Energy 1981f
Groundwater: O'Hearn 1982; Woller 1976b
Contamination: Herzog 1988b; Keefer 1995b;
Keefer 1995d
Guidebook: Berggren 1979a
Land use: IL EPA 1978
Maps: USGS 1979d; USGS 1979e; USGS
1980a; USGS 1980c
Loess: Kleiss 1973
Soil surveys: Hodges 1990
Stratigraphy:

- Mississippian: Moore, M.C. 1970
 Pennsylvanian: Johnson, D.O. 1972
 Waste disposal: Follmer 1984; Gilkeson, R.H. 1986b; Griffin, R.A. 1983; Griffin, R.A. 1984; Griffin, R.A. 1985; Herzog 1984; Herzog 1989; Herzog 1990b; Johnson, T.M. 1983a; Stohr 1985; Stohr 1987; Stohr 1988; Stohr 1990
 Water quality: Schubert 1977
Madison County (see also subjects):
 Areal geology: DuMontelle 1971a; Kircher 1967
 Clay and shale: Odom 1971
 Geochemistry: Rimmer 1982; Stepusin 1978; White, W.A. 1980
 Mineralogy: Rimmer 1982; Stepusin 1978
 Coal: Treworgy, C.G. 1982c; Treworgy, C.G. 1996b
 Coal mines: ISGS 1994-1996
 Land subsidence: ISGS 1978; Nawrot 1977b; Paone 1978
 Geologic maps: Gray, H.H. 1991b; Schultz 1993; Whitfield 1993
 Geomorphology: Barnhardt 1991; Yarbrough 1974b
 Geophysical surveys: Heigold 1976; Heigold 1993k; Lovely 1983; Schafersman 1973; US Dept. Energy 1981h
 Glaciation: Forman 1992
 Groundwater: Baker, W.H. 1972; Cosgrave 1989; Poole 1981a; Ritchey 1983; Voelker 1984
 Contamination: Herzog 1988b; Keefer 1995b; Keefer 1995d
 Withdrawals: Reitz 1968; Schicht 1995
 Guidebook: Collinson 1978; Graham, R.W. 1986; Harris, S.E. Jr. 1977; McKay, E.D. 1979b; McKay, E.D. 1986d; Treworgy, J.D. 1979a; Treworgy, J.D. 1979b
 Land use: IL EPA 1978
 Maps: USGS 1982c
 Lead and zinc ores:
 Collecting: Pittman 1984a
 Limestone and dolomite: Lineback 1981
 Loess: Forman 1992; Gibson, Robert 1979; McKay, E.D. 1977; McKay, E.D. 1986b; McKay, E.D. 1986d
 Mineral resources: Major 1966b
 Oil and gas fields: Heigold 1989
 Petroleum:
 Production: Bristol 1974a
 Petroleum exploration: Avila 1974; Cahill 1978; Heigold 1989
 Soil surveys: Goddard 1986
 Soils: Olson, R.E. 1970
 Stratigraphy:
 Ordovician: Treworgy, J.D. 1979b
 Silurian: Treworgy, J.D. 1979b
 Devonian: Treworgy, J.D. 1979b
 Mississippian: Collinson 1978; Moore, M.C. 1970; Styles, B.W. 1986b; Treworgy, J.D. 1979b
 Pennsylvanian: Johnson, D.O. 1972
 Quaternary: Averill 1984; Bratton 1971; Graham, R.W. 1986; McKay, E.D. 1979b
 Structural geology: Treworgy, J.D. 1979b
 Tectonics: Schafersman 1973
 Till: Fox, J.M. 1987; McKay, E.D. 1986b
 Watersheds: Makowski 1986a; Makowski 1986b
Mahomet Bedrock Valley: Clark, G.R. 1994; Goldthwait 1991; Gray, H.H. 1991a; Kempton 1991b; Kempton 1991d; Kempton 1992b; Killey 1975b; Melhorn 1991a; Melhorn 1991b; Rabchevsky 1975; Stephenson, D.A. 1967; Visocky 1969; Wilson, S.D. 1994
Mahomet Sand: Kempton 1991a; Kempton 1991e; Kempton 1996
Main Consolidated Field: Howard, R.H. 1988b; Howard, R.H. 1990a
Mapping: Berg, R.C. 1993a; Berggren 1972; DuMontelle 1968; ISGS 1991; Murray, F.N. 1967; Swann 1969
 Digital elevation models: Abert 1995a
 Economic geology: Bhagwat 1991a; Bhagwat 1991b
 Evaluation: Bhagwat 1992
 Geographic information systems: Abert 1995a
 Three-dimensional models: Kempton 1981b; Kempton 1982b; Kempton 1984; Kempton 1985d; Kempton 1989; Soller 1989
Maquoketa Group: Casey 1992; Droste 1976; Gilkeson, R.H. 1981; Graese 1991; Guthrie, J.M. 1994a; Kolata 1979; Kolata 1983b; Kolata 1987a; Long 1974; McFadden 1988; Nielsen 1984; Pratt, W.P. 1995b; Preber 1984; Sasman 1981b;

- Skalnik 1973; Snyder, Jeremy 1971;
Whitaker 1996; Young, H.L. 1989b
- Marcasite:** Peck 1979; Richards, R.P. 1995a
- Marine Field:** Heigold 1989
- Marion County (see also subjects):**
- Areal geology: Kircher 1967
 - Clay and shale: Treworgy, J.D. 1985
 - Coal mines: ISGS 1994-1996
 - Geologic maps: Gray, H.H. 1991b
 - Geophysical surveys: Ahbe 1978; Heigold 1976; Heigold 1993i; Heigold 1993k; Lovely 1983; Schafersman 1973
 - Groundwater: Watkins, F.A. Jr. 1968b
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Collinson 1978; Frankie 1995d; Reinertsen 1985b
 - Limestone and dolomite: Treworgy, J.D. 1985
 - Sedimentary petrology: Anderson, G.R. 1976
 - Mineral resources: Major 1966c; Renick, Abbott 1968a
 - Oil and gas fields: Helpingstine 1988a; Lester 1968
 - Paleontology: Sohn 1975
 - Petroleum: Zuppann 1988f
 - Production: Bristol 1974a; Stevenson 1969a
 - Petroleum engineering: Whiteley 1976
 - Petroleum exploration: Avila 1974; Cahill 1978
 - Sandstone: Treworgy, J.D. 1985
 - Sedimentary petrology: Bosse 1986
 - Soil surveys: Miles 1996
 - Stratigraphy:
 - Devonian: North, W.G. 1969a; North, W.G. 1969b
 - Mississippian: Collinson 1978; Treworgy, J.D. 1985
 - Pennsylvanian: Horne 1968
 - Tectonics: Schafersman 1973
- Marl:** Harvey 1972b; Harvey 1973; Harvey 1974a
- Marshall County (see also subjects):**
- Coal:
 - Strippable reserves: Smith, W.H. 1968
 - Coal mines: Bradford 1983; ISGS 1994-1996
 - Waste: Bradford 1987; Szafoni 1988
 - Geophysical surveys: Georgiou 1970; Heigold 1993e; Heigold 1993f
 - Groundwater: Gibb 1979; McComas 1969b; Mehnert, Edward 1996b; Nealon 1989; Visocky 1985; Willman 1973a; Woller 1991
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Berggren 1978b
 - Limestone and dolomite: Jacobson, R.J. 1983b
 - Mineral resources: Major 1967a; Willman 1973a
 - Paleontology: Shabica 1978
 - Stratigraphy:
 - Pennsylvanian: Jacobson, R.J. 1983b; Shabica 1978
 - Quaternary: Kerasotes 1989; McComas 1969b
- Mason County (see also subjects):**
- Coal mines: ISGS 1993-1995
 - Geologic maps: Hallberg 1991
 - Geophysical surveys: Heigold 1993f; Hildenbrand 1996; US Dept. Energy 1981a
 - Groundwater: Barnhardt 1992b; Clark, G.R. 1994; Clark, G.R. 1996; Gibb 1979; Heigold 1969; McKenna 1987; McKenna 1988a; McKenna 1988b; Naymik 1983a; Naymik 1983b; O'Hearn 1982; Visocky 1985; Visocky 1992; Willman 1973a; Woller 1975c
 - Contamination: Barnhardt 1992c; Keefer 1995b; Keefer 1995d; Mehnert, Edward 1995; Schock, S.C. 1993
 - Floods: Visocky 1994a
 - Recharge: Davies 1995
 - Guidebook: Cote, W.E. 1969b
 - Land use:
 - Maps: USGS 1979b
 - Mineral resources: Willman 1973a
 - Sand and gravel: Labotka 1971
 - Soil surveys: Calsyn 1995
 - Soils: Fleming, G.F. 1992
 - Wetlands: Clark, G.R. 1996
- Mason Group:** Hansel, A.K. 1996
- Massac County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Gauss 1967; Nelson, W.J. 1996c; Taylor, R.F. 1967
 - Coal mine lakes:
 - Maps: Voelker 1985
 - Geochemistry: Bullock 1991a; Bullock 1991b
 - Geologic maps: Amos 1966b; Finch 1966; Gray, H.H. 1991b
 - Geophysical surveys: Ahbe 1978; Anderson, G.D. 1970; Heigold 1970a; Heigold 1993b; Hildenbrand 1977a; Hildenbrand 1977b;

- Hildenbrand 1977c; Hildenbrand 1979a;
Hildenbrand 1996; Kucks 1990; US Ener.
Res. 1979
- Groundwater: Lambert, T.W. 1967; Woller
1975d
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Cote, W.E. 1966; Esling 1995;
Reinertsen 1975
- Land use:
- Maps: USGS 1977c; USGS 1979a
- Limestone and dolomite:
- Sedimentary petrology: Anderson, G.R. 1976
- Mineral resources: Heyl 1966b; Major 1966a
- Economic geology: Eidel 1993b; Major 1966a
- Mapping: Eidel 1993a
- Sand and gravel:
- Mineralogy: Hunter 1968a
- Sandstone: Cole, R.D. 1995; Kehlenbach 1969;
Wescott 1982
- Soil surveys: Parks 1975
- Stratigraphy:
- Ordovician: Nelson, W.J. 1996a
- Devonian: Nelson, W.J. 1996a; North, W.G.
1969a
- Mississippian: Cole, R.D. 1995; Kehlenbach
1969; Nelson, W.J. 1996a
- Pennsylvanian: Koeninger 1979; Nelson,
W.J. 1996a
- Quaternary: Esling 1989a; Esling 1989b;
Esling 1995; Leach 1989
- Structural geology: Kolata 1980; Kolata 1981b
- Mattoon Formation:** Bandy 1981; Merrill 1976;
Scheihing 1980; Willard, D.A. 1993a
- Mattoon Oil Field:** Baroni 1995
- Mazon Creek fossils:** Ade 1990; Allison, P.A.
1994; Anderson, L.I. 1994; Baird, G.C.
1978; Baird, G.C. 1979; Baird, G.C.
1980; Baird, G.C. 1985a; Baird, G.C.
1985b; Baird, G.C. 1986; Baird, G.C.
1990a; Baird, G.C. 1990b; Bardack 1979;
Bardack 1985; Beall 1991; Bolt 1979;
Burke, J.J. 1973; Burke, J.J. 1979;
Burnham 1983; Carman 1989; Carman
1990; Carpenter, F.M. 1971a; Carpenter,
F.M. 1971b; Carpenter, F.M. 1976;
Carpenter, F.M. 1978; Carpenter, F.M.
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Desmond 1992; Darrah, W.C. 1969;
Denison, R.H. 1974; Drinnan 1994; Fisher
1977; Fisher 1979; Foster, M.W. 1979a;
Foster, M.W. 1979b; Foster, M.W. 1988b;
Harney 1989; Hay, Andy 1989; Johnson,
R.G. 1966; Johnson, R.G. 1968a;
Johnson, R.G. 1969; Kjellesvig-Waering
1969; Kjellesvig-Waering 1986; Konecny,
Jim 1984; Konecny, Jim 1985; Konecny,
Jim 1989; Konecny, Jim 1992; Kuecher
1990; Kukalova-Peck 1983; Leibhardt
1969; Marshall, C.R. 1988; McGhee
1982a; Mikulic 1991a; Mundel 1979;
Nadasdy 1976; Nash 1968; Nitecki, M.H.
1972a; Nitecki, M.H. 1973; Nitecki, M.H.
1976; Nitecki, M.H. 1978; Nitecki, M.H.
1979a; Nitecki, M.H. 1979b; Pfefferkorn
1971b; Pfefferkorn 1979; Pigg 1985;
Richardson, E.S. Jr. 1966a; Richardson,
E.S. Jr. 1966b; Richardson, E.S. Jr.
1968; Richardson, E.S. Jr. 1971a;
Richardson, E.S. Jr. 1971b; Richardson,
E.S. Jr. 1980b; Rolfe, W.D.I. 1985;
Saunders, W.B. 1979; Schindel 1979;
Schopf 1979a; Schram 1969b; Schram
1971; Schram 1974; Schram 1975b;
Schram 1979; Schram 1989; Schram 1990;
Schultze 1987; Smith, W.H. 1970a; Solem
1975; Soot-Ryen 1967; Thompson, Ida
1979b; Thompson, Ida 1980; Woodland
1979; Yochelson 1979b; Zangerl 1975;
Zangerl 1979
- Bibliography: Horowitz 1979
- McCraney Limestone:** Conkin, J.E. 1981; Lane,
N.G. 1986
- McDonough County (see also subjects):**
- Clay and shale:
- Geochemistry: White, W.A. 1980
- Coal mines: ISGS 1994-1996
- Reclamation: Mostaghimi 1983
- Geologic maps: Hallberg 1991
- Geophysical surveys: Heigold 1993f; US Dept.
Energy 1981a
- Groundwater: Barker, Bruce 1970; Nealon 1989;
Poole 1981a; Visocky 1985
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: McCracken 1976
- Land use: Barker, Bruce 1970
- Maps: USGS 1979b
- Limestone and dolomite:
- Sedimentary petrology: Cloos 1981

- Mineral resources: Major 1967d
 Paleosols: Balek 1995
 Petroleum exploration: Herzfeld 1985; Koch, B.W. 1991; Montgomery, S.L. 1988; Whitaker 1995a; Whitaker 1996
 Sandstone: Wills 1971
 Sedimentary petrology: Nunn, J.R. 1986
 Soils: Mostaghimi 1983
 Stratigraphy: James, A.T. 1968
 Cambrian: Kenney 1977
 Pennsylvanian: Baird, G.C. 1980
 Quaternary: Balek 1987; Fleeger 1980; Hallberg 1980; Wickham, J.T. 1980
- McHenry County (see also subjects):**
 Areal geology: Flemal 1972a; Smith, W.C. 1969; Willman 1971b
 Engineering geology: Smith, W.C. 1968
 Bibliography: Dixon 1985a
 Floods: Allen, H.E. 1971b; Allen, H.E. 1972; Allen, H.E. 1973a; Allen, H.E. 1973b; Grant, R.S. 1972; Grant, R.S. 1973; Mycyk 1969; Mycyk 1971; Mycyk 1972c; Mycyk 1973b; Walter, G.L. 1971
 Fossils:
 Collecting: Pine 1976
 Geologic maps: Willman 1970d
 Geophysical surveys: Aiken 1983; Heigold 1993e; McGinnis, L.D. 1966a
 Groundwater: Ackermann 1975; Avery 1995b; Berg, R.C. 1994a; Curry 1995a; Hackett 1969; Hughes, G.M. 1966; Kempton 1977; Moench 1971; Nealon 1989; Nicholas 1984b; Owano 1990; Specht 1976; Visocky 1985; Woller 1976c
 Contamination: Keefer 1995b; Keefer 1995d
 Economic geology: ISWS 1974
 Hydrochemistry: Balding 1991; Gilkeson, R.H. 1981; Siegel 1990
 Hydrogeology: Hughes, G.M. 1971a
 Management: Barnes, M.J. 1987; Injerd 1986
 Recharge: Burch 1991; Keifer & Assoc. 1976b; McDonald, C.K. 1967; Nielsen 1984; Schicht 1977; Visocky 1982b
 Water use: Schicht 1971b
 Withdrawals: Sasman 1973; Sasman 1977b; Sasman 1986; Visocky 1993
 Guidebook: Berggren 1980a; Buschbach 1970a; Flemal 1972a; Odom 1970b; Reinertsen 1983a; Reinertsen 1989c; Reinertsen 1993b
 Hydrogeologic maps: Soller 1992a; Soller 1992b
 Hydrogeology: Williams, R.E. 1966
 Land use: Allen, B.L. 1975; Bogner, J.E. 1976a
 Maps: Dahlberg 1985b
 Limestone and dolomite: Mikulic 1985c
 Mineral resources: Hackett 1969; Major 1968; Specht 1976
 Economic geology: Major 1968
 Peat: Hester 1969a; Masters 1978
 Sand and gravel: Cobb, J.C. 1981a; Masters 1978
 Sedimentation:
 Glacial: Fraser, G.S. 1982
 Soils: Hinkley 1970
 Stratigraphy:
 Cambrian: Baynas 1976
 Silurian: Willman 1973b
 Quaternary: Allen, B.L. 1975; Cobb, J.C. 1974b; Fricke 1983; Kempton 1968c; Kempton 1970b; Odom 1970b
 Structural geology: Foote 1982; McGinnis, L.D. 1966a
 Till: Frye, J.C. 1969a; Hansel, A.K. 1986d; Metz 1971; Wickham, S.S. 1979; Wickham, S.S. 1988
 Topography: McLean 1995a
 Waste disposal: Cartwright, Keros 1968a; Hughes, G.M. 1969a; Hughes, G.M. 1969b; Hughes, G.M. 1971a; Hughes, G.M. 1971b; Hughes, G.M. 1976; Johnson, T.M. 1980; Schicht 1973
 Planning: Hackett 1969; Specht 1976
 Wetlands: Miner 1996
- McLean County (see also subjects):**
 Coal: Clegg 1972
 Coal mines: ISGS 1994-1996
 Geophysical surveys: Heigold 1993d; Heigold 1993f; Larson, T.H. 1989a
 Groundwater: Herzog 1995a; Herzog 1995b; Kempton 1991b; Kempton 1991c; Kempton 1991e; Kempton 1992b; Larson, D.R. 1996b; Larson, T.H. 1989a; O'Hearn 1982; Richards, S.S. 1982; Visocky 1970; Visocky 1985; Wilson, S.D. 1994
 Contamination: Holm, T.R. 1988; Keefer 1995b; Keefer 1995d; Roux 1991a

- Guidebook: Reinertsen 1972a; Reinertsen 1982b; Shaver 1983a
 Hydrogeology: Vukovich 1967
 Limestone and dolomite: Baxter 1989c; Jacobson, R.J. 1983b
 Mineral resources: Major 1967a
 Paleontology: Shabica 1978
 Pyrite: Kirchner 1985
 Stratigraphy: James, A.T. 1968
 Cambrian: Baynas 1976
 Pennsylvanian: Clegg 1972; Jacobson, R.J. 1983b; Shabica 1978
 Quaternary: Kempton 1971b; Kempton 1991a; Kempton 1991e
 Till: Castillon 1972; Johnson, W.H. 1986c
- Menard County (see also subjects):**
 Coal: Avcin 1969; Treworgy, C.G. 1994
 Strippable resources: Nance 1981
 Coal mines: ISGS 1993-1995; ISGS 1994-1996
 Geologic maps: Gray, H.H. 1991b
 Geophysical surveys: Heigold 1993f; Heigold 1993j
 Groundwater: O'Hearn 1982
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Cote, W.E. 1967e; Follmer 1979b; Follmer 1986a; Follmer 1986c; King, F.B. 1979
 Land use:
 Maps: USGS 1979d; USGS 1980c
 Limestone and dolomite: Baxter 1989c
 Loess: Hansen 1970; Kleiss 1973
 Paleobotany: King, J.E. 1979
 Paleoecology: King, F.B. 1979
 Paleontology: Carter, K.D. 1985
 Stratigraphy:
 Mississippian: Moore, M.C. 1970
 Pennsylvanian: Avcin 1969
 Quaternary: Follmer 1979b; Follmer 1986a; Follmer 1986c; Forman 1981; McKay, E.D. 1986c
- Menard Limestone:** Carozzi 1968; Somasekhara 1970
- Mercer County (see also subjects):**
 Coal:
 Strippable reserves: Searight 1969
 Coal mines: ISGS 1994-1996
 Fossils:
 Collecting: Johannesen 1967
 Geologic maps: Hallberg 1991
- Geophysical surveys: Heigold 1993g; US Dept. Energy 1981c
 Groundwater: Lucey 1995; Nealon 1989; Visocky 1985
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Hammer, W.R. 1985
 Land use:
 Maps: USGS 1982f
 Loess: Putman 1988
 Mineral resources: Major 1967d
 Paleontology: Merrill 1971; Sohn 1975
 Sandstone:
 Sedimentary petrology: Nunn, J.R. 1986
 Soil surveys: Elmer 1991
 Stratigraphy: James, A.T. 1968
 Devonian: Hammer, W.R. 1985
 Pennsylvanian: Hammer, W.R. 1985
- Meredosia Channel:** McGinnis, L.D. 1974b
- Merom Sandstone Member:** Bayless 1988
- Meteorites:** Mason, Brian 1967; Read, W.F. 1986; Roy, W.R. 1984c; Sipiera 1976
 Collections: Leary 1977b
- Methane:**
 Radiocarbon dates: Coleman 1979
- Michigan Basin:** Reszka 1991
 Paleogeography:
 Quaternary: Miller, B.B. 1989
 Stratigraphy:
 Ordovician: Barnes, D.A. 1996
 Quaternary: Black, R.F. 1974; Evenson 1972; Evenson 1973; Evenson 1974; Evenson 1976; Evenson 1977; Hansel, A.K. 1985; Karrow 1978; Larsen, C.E. 1987
 Structural geology: Beaumont 1987; Nunn, J.A. 1984
- Midwestern Basins and Arches Region:**
 Bunner 1993; Casey 1992; Casey 1994; Casey 1996; Robinson, Anthony 1994
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Schram 1974; Schram 1989
Devonian: Allen, R.S. 1985; Devera 1986;
Grimmer 1966
- Echinoderms:
Ordovician: Kolata 1973; Kolata 1975;
Kolata 1987b
Silurian: Frest 1977; Paul, C.R.C. 1971
Mississippian: Carozzi 1984b; Kesling 1966b
Pennsylvanian: Fraunfelter 1970c
- Edrioasters:
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1988
Mississippian: Cole, G.A. 1977; Kammer
1987
- Fishes:
Pennsylvanian: Baird, D. 1978
- Foraminiferans:
Ordovician: Conkin, J.E. 1965; Gutschick
1986
Devonian: Conkin, J.E. 1967; Conkin, J.E.
1979
Mississippian: Baxter 1982a; Brenckle 1974;
Conkin, J.E. 1967; Conkin, J.E. 1968;
Conkin, J.E. 1981
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Pennsylvanian: Douglass 1987; Thompson,
M.L. 1967
- Gastropodes:
Quaternary: Frest 1981
- Gastropods: Frye, J.C. 1972a
Devonian: Linsley 1982
Mississippian: Thein 1974
Pennsylvanian: Schindel 1979
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1969
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Mississippian: Kukalova-Peck 1983
Pennsylvanian: Burnham 1983; Carpenter,
F.M. 1967; Carpenter, F.M. 1968;
Carpenter, F.M. 1971a; Carpenter, F.M.
1971b; Carpenter, F.M. 1976; Carpenter,
F.M. 1978; Kukalova-Peck 1983; Vogel,
Gretchen 1996
Quaternary: Carter, K.D. 1985; Garry 1990;
Morgan, A.V. 1986

Mazon Creek fossils (see Mazon Creek fossils)
 Mississippian: Brenckle 1982; Horowitz 1984;
 Schram 1979; Somasekhara 1970
 Molluscs: Konecny, Jim 1992
 Collections: Forney 1976
 Ordovician: Snyder, Jeremy 1971
 Silurian: Kluessendorf 1987
 Mississippian: Hoare 1979
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 Hoare 1986; Scheihing 1978c; Yochelson
 1979b
 Quaternary: Frye, J.C. 1967a; Frye, J.C.
 1974c; Leonard, A.B. 1971; Leonard,
 A.B. 1974; Miller, B.B. 1989; Miller, B.B.
 1994b; Willman 1971a
 Ophiuroids:
 Mississippian: Bjork 1968
 Ordovician: Palmer, T.J. 1978; Skalnik 1973
 Ostracodes: Buckley 1975
 Collections: Nitecki, M.H. 1968a
 Ordovician: Swain 1996
 Devonian: Fraunfelter 1986b; Shomali 1970
 Mississippian: McGuire 1966; Sohn 1988
 Pennsylvanian: Shaver 1974; Sohn 1975;
 Sohn 1977
 Pelecypods (see Bivalves)
 Pennsylvanian: Baird, G.C. 1986; Baird, G.C.
 1990a; Baird, G.C. 1990b; Carpenter,
 F.M. 1979; Duluk 1968; Grenda 1969;
 Johnson, R.G. 1966; Johnson, R.G.
 1968a; Konecny, Jim 1984; Majewski
 1973; Schram 1979; Stratton, J.F. 1991b;
 Zangerl 1975
 Quaternary: Saunders, J.J. 1986
Receptaculites:
 Ordovician: Fisher 1978
 Scorpions:
 Pennsylvanian: Kjellesvig-Waering 1969;
 Kjellesvig-Waering 1986; Vogel, B.R.
 1966
 Silurian: Kluessendorf 1990; Kluessendorf 1994;
 Mikulic 1985a; Mikulic 1992; Mikulic
 1994a
 Sponges:
 Mississippian: Fraunfelter 1989
 Pennsylvanian: Rigby 1975
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 Mississippian: Blake 1989; Kesling 1967
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Stromatoporoids:
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 Trilobites: Instructional 1995; Kolata 1976a;
 Mikulic 1981
 Collections: Nitecki, M.H. 1970a
 Ordovician: DeMott 1987
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 Garney 1983; Gass 1992; Mikulic 1976;
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 1996; Whitney 1969a; Whitney 1969b
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 Lieberman 1996
 Mississippian: Cisne 1967
 Pennsylvanian: Scheihing 1978c
Tullimonstrum gregarium (Tully Monster):
 Beall 1991; Carman 1989; Foster, M.W.
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 1989; Leibhardt 1969; Mikulic 1991a;
 Nash 1968; Richardson, E.S. Jr. 1966a;
 Richardson, E.S. Jr. 1966b; Soot-Ryen
 1967
 Worms: Briggs 1993
 Collections: Forney 1977
 Mississippian: Railsback 1993
 Pennsylvanian: Allison, P.A. 1987b; Jones,
 D.S. 1977; Morris, S.C. 1977; Railsback
 1993; Richardson, E.S. Jr. 1980a; Schram
 1973b; Thompson, Ida 1977; Thompson,
 Ida 1979a
 Xiphosurans:
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 1977; Fisher 1979; Konecny, Jim 1988
Paleontology (Vertebrates) (see also fossils):
 Johannesen 1980
 Amphibians:
 Pennsylvanian: Bolt 1979; Lund, Richard
 1978; Milner 1982; Rayner 1971
 Conodonts: Norby 1987a; Rexroad 1970; Stone
 1994; von Bitter 1994a
 Ordovician: Satterfield 1971
 Silurian: Amsden 1988; Cooper, B.J. 1974;
 Cooper, B.J. 1976; Liebe 1977; Mikulic
 1985b
 Devonian: Amsden 1988; Sandberg, C.A.
 1972
 Mississippian: Brenckle 1974; Carozzi 1984b;
 Chauff 1981; Chauff 1984; Collinson
 1971; Norby 1976; Norby 1985; Pierce

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- Pennsylvanian: Bardack 1968; Bardack 1974; Bardack 1977; Bardack 1979; Bardack 1985; Bardack 1991; Denison, R.H. 1969; Denison, R.H. 1974; Forey 1981; Grenda 1974; Kemp 1996; Marshall, C.R. 1988; Richardson, E.S. Jr. 1980a; Schultze 1972; Schultze 1974; Schultze 1977; Schultze 1980; Schultze 1985; Schultze 1987; Schultze 1994; Williams, M.E. 1985; Zangerl 1969; Zangerl 1973; Zangerl 1979; Zidek 1975
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- Pennsylvanian: Baird, G.C. 1990a; Godfrey 1992; Godfrey 1995; Johnson, R.G. 1966; Johnson, R.G. 1970; Konecny, Jim 1984; Richardson, E.S. Jr. 1971a; Richardson, E.S. Jr. 1971b; Stratton, J.F. 1991b
- Quaternary: Saunders, J.J. 1986
- Reptiles:**
- Pennsylvanian: Carroll 1972; DeMar 1970
- Quaternary: Holman 1966; Holman 1992; Preston 1979
- Paleosols:** Balek 1995; Follmer 1982; Grimley 1996; Hughes, R.E. 1992; Lineback 1979c; Ruhe 1974
- Weathering: Beavers 1966
- Paleozoic:** Baxter 1989b; Dart 1992; Dart 1995; Randall, K.G. 1985
- Palestine Sandstone:** Carozzi 1968; Klee 1985
- Paralstonite:** Roberts, A.C. 1979
- Pascola Arch:** Symons 1994
- Patoka East Oil Field:** Lester 1968
- Paw Paw Bedrock Valley:** Carrillo 1991
- Pearl Formation:** Heigold 1985a
- Peat:** Cady, G.H. 1971b; Crelling 1983; Hester 1969a; Singleton 1980
- Pennsylvanian (see also counties):** Atherton 1979; Barnhill 1993; Trask 1986
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- Models: Shabica 1979
- Maps: Wanless 1978
- Nomenclature: Jacobson, R.J. 1985c
- Paleoecology: Utgaard 1979
- Sedimentation: Ethridge 1973a; Gopinath 1972; Koeninger 1979; Leming 1973; Potter, P.E. 1979; Sliva 1972; Wright 1979
- Stratigraphy: Boardman 1990; Bristol 1974b; Keller, S.J. 1988c; Manger 1984; Manger 1992; Peppers 1979b; Rice, C.L. 1979b; Shaver 1984a; Smith, W.H. 1967; Weibel 1996
- Peoria County (see also subjects):**
- Areal geology: Anonymous 1975; Vento 1982
- Clay and shale: Cluff 1981b; Odom 1973
- Coal: Treworgy, C.G. 1996
- Geochemistry: Oman 1994
- Sedimentary petrology: Damberger 1970b
- Sulfur: Hopkins, M.E. 1970
- Trace elements: Cobb, J.C. 1978b
- Coal mines: ISGS 1994-1996; Krausse 1979e
- Fossils:**
- Collecting: Scheffel 1968a; Scheffel 1968b
- Gas storage: Oborn 1967
- Geomorphology: Roy, W.R. 1984c
- Geophysical surveys: Heigold 1993f
- Groundwater: Gibb 1979; McComas 1969b; Nealon 1989; Schicht 1992; Thomas, R.L. 1968; Visocky 1985; Willman 1973a
- Contamination: Herzog 1988b; Keefer 1995b; Keefer 1995d
- Withdrawals: Marino, M.A. 1969
- Guidebook: Berggren 1978b; Follmer 1979b; Frankie 1995b
- Land use:

- Maps: USGS 1980e
- Limestone and dolomite: Baxter 1989c; Merrill 1980b; Nance 1970
- Meteorites: Roy, W.R. 1984c
- Mineral resources: Major 1967a; Willman 1973a
- Minerals:
- Collecting: Scheffel 1968b
 - Paleoecology: Merrill 1975a
 - Paleontology: Merrill 1975a; Merrill 1975b; Shabica 1978
 - Soil surveys: Walker, M.B. 1992
 - Soils: Caspall 1975
 - Stratigraphy: James, A.T. 1968
 - Pennsylvanian: Shabica 1978
 - Quaternary: Follmer 1979b; McComas 1969b
 - Waste disposal: Edwards, Ronald 1989
- Peoria Silt:** Cremeens, D.L. 1989; Cremeens, D.L. 1992; Foster, J.B. 1984c; Gibson, Robert 1979; Graham, R.C. 1985; Kleiss 1973; McKay, E.D. 1977
- Periglacial features:** Flemal 1972b; Flemal 1973; Johnson, W.H. 1990a
- Perry County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Kircher 1967
 - Clay and shale: Treworgy, J.D. 1985
 - Sedimentary petrology: Cleaveland 1983; Stutzman 1983
 - Coal: Frank, C.O. 1977; Greater Egypt 1978a; Jacobson, R.J. 1983a
 - Geochemistry: Oman 1994
 - Sedimentary petrology: Padgett 1980; Stutzman 1983
 - Coal mine lakes: Gibb 1978b
 - Maps: Voelker 1985
 - Coal mines: ISGS 1994-1996
 - Groundwater (Effect on): Oertel 1980; Oertel 1983
 - Land subsidence: Nawrot 1977b; Rigsby 1993
 - Overburden: Mercier 1978; Oertel 1983
 - Reclamation: Cole, C.A. 1988; Indorante 1984; McSweeney, K. 1981; Mostaghimi 1983; Snarski 1981; Vance 1987
 - Trace elements: Tedesco 1980
 - Waste: Gruner 1981; Koutsoftas 1990
 - Geochemistry: Bullock 1991c; Bullock 1991d
 - Geologic maps: Gray, H.H. 1991b
 - Geophysical surveys: Heigold 1976; Heigold 1993b; Heigold 1993k; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990; Lovely 1983; Schafersman 1973; US Ener. Res. 1979
 - Groundwater: Eby 1979; Poole 1984; Poole 1985b; Poole 1989; Woller 1975e
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Frank, C.O. 1977; Harris, S.E. Jr. 1977; Palmer, J.E. 1979a; Reinertsen 1987b; Reinertsen 1992d; Wilson, G.M. 1966e
 - Land use: IL EPA 1978
 - Maps: USGS 1977c; USGS 1979a
 - Limestone and dolomite: Feiznia 1983; Treworgy, J.D. 1985
 - Sedimentary petrology: Bird 1981; Cleaveland 1983
 - Mineral resources: Heyl 1966b; Major 1966c
 - Economic geology: Eidel 1993b
 - Mapping: Eidel 1993a
 - Paleobotany: Dennis, R.L. 1974; DiMichele 1980; Mahaffy 1988
 - Paleontology: Brown, L.M. 1991; Grenda 1969; Grenda 1974; Shaver 1974; Thein 1974
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 - Sandstone: Treworgy, J.D. 1985
 - Soil surveys: Grantham 1988
 - Soils: Indorante 1984; Mostaghimi 1983; Snarski 1981
 - Stratigraphy:
 - Ordovician: Nelson, W.J. 1996a
 - Devonian: Nelson, W.J. 1996a; North, W.G. 1969a; North, W.G. 1969b
 - Mississippian: Nelson, W.J. 1996a; Treworgy, J.D. 1985
 - Pennsylvanian: Greater Egypt 1978b; Nelson, W.J. 1996a; Palmer, J.E. 1979a; Palmer, J.E. 1979c; Palmer, J.E. 1985; Searight 1979
 - Structural geology: Stevenson 1973
 - Tectonics: Schafersman 1973
 - Wetlands: Cole, C.A. 1988
- Petroleum (see also counties, Oil and gas fields, Illinois Basin):** Gautier 1993; IL Dept. Ener. Nat. Res. 1994c; Ill. Geological Society 1968; Seyler 1990
- Natural gas:
- Shale (in): McCoy, R.L. 1980
- Bitumen:

- Geochemistry: McCabe 1987; Rullkoetter 1981
 Mineralogy: McCabe 1987
 Crude oil: Armon 1966; Guthrie, J.M. 1995; Hatch 1990; Reed, J.D. 1986; Sim 1993; Stanley, R.J. 1993
 Geochemistry: Chou, M.-I.M. 1991; Dyer 1983; Guthrie, J.M. 1994b; Mast 1968; Mast 1971; Mast 1973a
 Metals: Mast 1973b
 Production: Mast 1969
 Diagenesis: Cluff 1990
 Directory: Smith, A.E. 1968
 Drilling: Baker, S.E. 1992; McKay, E.D. 1993
 Catalogs: Stevenson 1980a; Stevenson 1980b
 Horizonatal: Gifford 1993
 Maps: ISGS 1966b-
 Statistics: ISGS 1966c-; Petroleum Inf. 1977
 Economic geology: Bhagwat 1980b; Bhagwat 1993b; Bhagwat 1994f; Bhagwat 1994h; Bhagwat 1995; Cross 1995; IL Dept. Ener. Nat. Res. 1982a; Major 1973b; Meents 1968c; Meents 1977; Risser, H.E. 1973b; Risser, H.E. 1973c; Van Den Berg 1978b; Yeko 1988
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 Engineering geology: Hewitt 1966
 Geochemistry: Hatch 1987
 Land use: USGS 1981b
 Movement: Bethke 1990; Bethke 1991; Spirakis 1995
 Natural gas: Bond 1968; Frost, R.R. 1978; Meents 1968b; Meents 1981; Peterson, R.E. 1982; Reeves 1996
 Coal (in): Rieke 1979
 Economic geology: Bhagwat 1994g
 Geochemistry: Coleman 1976; Coleman 1978
 Production: Anonymous 1989c; Bhagwat 1994g; Hamilton-Smith 1994
 Resources/Reserves: Archer, P.L. 1984
 Shale (in): Barrows 1984; Chou, M.-I.M. 1979; Cluff 1980a; Cluff 1982; Cluff 1983; Cluff 1993; de Witt 1983; Ettensohn 1995; Hasenmueller, N.R. 1994; Howard, James 1983; Kalyoncu 1979; Morgantown 1978; Roen 1993; Shiley 1981; Streib 1981; US Dept. Energy 1982; Vanorsdale 1985
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 Nitrogen: Thompson, K.F.M. 1994
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 Pay maps: Howard, R.H. 1967; ISGS 1987c; Leetaru 1991a; Maslowski 1988
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 Geochemistry: Chou, M.-I.M. 1991; Guthrie, J.M. 1994b; Hatch 1990
 Sulfur: Thompson, K.F.M. 1994
 Thermal maturity: Guthrie, J.M. 1994a

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- Enhanced recovery: Baroni 1995; Davis, J.A. 1982; Demir 1995a; Dennis, C.S. 1986; Grube 1992; ISGS 1990d; ISGS 1993; Lawry 1974; Leetaru 1991b; Leetaru 1993b; Leetaru 1994; Leetaru 1996b; Mast 1972; Nation 1990; Oltz 1990b; Oltz 1994; Ramey 1971; Sim 1994a; Sim 1994b; Udegbunam 1993b; Udegbunam 1994; Whitaker 1992d; Xu, Jianzhong 1995
- Natural gas: Diamond 1986
- Recovery: Rice, R.J. 1993
- Waste: Smith, L.R. 1994a
- Waterflooding: Huff, B.G. 1987; Lawry 1975; Van Den Berg 1966; Van Den Berg 1967; Van Den Berg 1968b; Van Den Berg 1969b; Van Den Berg 1971a; Van Den Berg 1971b; Van Den Berg 1972; Van Den Berg 1973; Van Den Berg 1975; Van Den Berg 1976; Van Den Berg 1977; Van Den Berg 1979; Van Den Berg 1980; Van Den Berg 1981; Van Den Berg 1982b; Van Den Berg 1983; Van Den Berg 1984b; Van Den Berg 1985; Van Den Berg 1986; Whiteley 1976
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- Drilling: Leetaru 1991a; McCaslin 1988b
- Waste: Smith, L.R. 1994a
- Geophysical surveys: Anonymous 1989b; Dawson, W.H. 1968; Ghose, Ranajit 1995; Haye 1968; Heigold 1989; Herzfeld 1985; Johnson, A.C. Jr. 1978; Leetaru 1990; Muthig 1984; Neal 1968; Parra 1995; Potter, P.E. 1990; Saunders, D.F. 1991; Tedesco 1988; Vixo 1984
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- Physiographic maps:** Anderson, P.S. 1994
- Piatt County (see also subjects):**
- Areal geology: Elec. Power Res. 1980; Walke 1982
- Coal: Clegg 1972
- Geologic maps: Gray, H.H. 1991b
- Geophysical surveys: Heigold 1993d; Heigold 1993h
- Groundwater: Kempton 1982a; Kempton 1996; O'Hearn 1982; Poole 1985a; Ringler 1980; Sanderson 1971; Wehrmann 1980
- Contamination: Barnhardt 1992c; Holm, T.R. 1988; Holm, T.R. 1990; Keefer 1995b; Keefer 1995d; Kempton 1992a; Mehnert, Edward 1995; Schock, S.C. 1993
- Recharge: Panno 1994b
- Guidebook: Cote, W.E. 1969c
- Hydrogeology: Vukovich 1967
- Land use:
- Maps: USGS 1979d; USGS 1980c
- Limestone and dolomite: Baxter 1989c; Jacobson, R.J. 1983b; Lineback 1981
- Mineral resources: Major 1967a
- Soil surveys: Martin, W.S. 1991
- Stratigraphy: Atherton 1966; James, A.T. 1968
- Mississippian: Moore, M.C. 1970
- Pennsylvanian: Clegg 1972; Horne 1968; Jacobson, R.J. 1983b
- Till: Castillon 1972
- Waste disposal: Holm, T.R. 1994
- Watersheds: Arnold 1996
- Pike County (see also subjects):**
- Archaeology: Styles, T.R. 1984; Styles, T.R. 1985
- Areal geology: Elec. Power Res. 1980; Walke 1982
- Clay and shale:
- Geochemistry: White, W.A. 1980
- Coal mines: ISGS 1994-1996
- Compressed Air Energy Storage: Ethington 1990; Krapac 1987; Longardner 1988

- Engineering geology: Benson, G.R. 1988
 Geologic maps: Whitfield 1993
 Geophysical surveys: Benson, G.R. 1988;
 Heigold 1979b; Heigold 1993j; US Dept.
 Energy 1981f
 Groundwater: Davenport 1983; Davenport 1984;
 Gibb 1979; Poole 1986; Ringler 1980;
 Visocky 1985; Wehrmann 1980; Willman
 1973a; Woller 1979c
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Collinson 1969; Collinson 1978;
 Cote, W.E. 1968a; Reinertsen 1971d;
 Wilson, G.M. 1966d
 Land use:
 Maps: USGS 1979e; USGS 1980a
 Mineral resources: Major 1967d; Willman 1973a
 Oil and gas fields: Meents 1968a
 Paleobotany: Brown, D.D. 1969
 Paleontology: Conkin, J.E. 1979
 Petroleum exploration: Montgomery, S.L. 1988;
 Whitaker 1995a
 Sand and gravel: Cobb, J.C. 1974a
 Soils: Friend 1994
 Stratigraphy: Atherton 1966; Collinson 1969;
 Styles, T.R. 1985
 Mississippian: Collinson 1978; Deming 1978;
 Moore, M.C. 1970
 Quaternary: Styles, T.R. 1984
 Watersheds: Arnold 1996; Lee, M.T. 1981
- Pipelines:**
 Geographic information systems: Tarr 1993
- Platteville Group:** Allen, R.D. 1981; Gilkeson,
 R.H. 1978; Guldenzopf 1967; Kolata
 1987a; Kuhnenn 1976; Kuhnenn 1977;
 Willman 1978b
- Pleasantview Sandstone Member:** Laury 1968
- Plymouth Field:** Hewitt 1966
- pollution-:** Carpenter, P.J. 1991c
- Pope County (see also subjects):**
 Areal geology: Baxter 1967; Berg, R.C. 1993b;
 Berg, R.C. 1994c; Devera 1991; Dyroff
 1972; Gauss 1967; Nelson, W.J. 1991b;
 Nelson, W.J. 1996c; Taylor, R.F. 1967;
 Weibel 1991b; Weibel 1993b; Wildeman,
 J.W. 1976
 Clay and shale: Treworgy, J.D. 1985
 Coal: Greater Egypt 1978a
 Coal mine lakes:
 Maps: Voelker 1985
 Coal mines: ISGS 1994-1996
 Faults: Potter, C.J. 1995; Sutton 1971
 Fluorspar: Baxter 1967; Baxter 1973; Baxter
 1989a; Bradbury, J.C. 1968; Evans, V.A.
 1986
 Collecting: Pittman 1983
 Exploration: Eisner 1981; Phuphatana 1976;
 Trudick 1979
 Geochemical maps: Klasner 1984b; Klasner
 1985; Klasner 1986
 Geochemistry: Bullock 1991a; Bullock 1991b;
 Bullock 1991c; Bullock 1991d; Bullock
 1991e; Bullock 1991f
 Geologic maps: Amos 1966a; Amos 1966b; Gray,
 H.H. 1991b; Klasner 1982; Klasner 1983a;
 Klasner 1986; Nelson, W.J. 1990b;
 Nelson, W.J. 1990c
 Geophysical surveys: Ahbe 1978; Anderson,
 G.D. 1970; Heigold 1970a; Heigold 1993b;
 Hildenbrand 1977a; Hildenbrand 1977b;
 Hildenbrand 1977c; Hildenbrand 1979a;
 Hildenbrand 1996; Kucks 1990; Nagai
 1973; Pederson 1991; US Ener. Res. 1979
 Glacial maps: Henderson, E.D. 1987
 Groundwater:
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Baxter 1973; Baxter 1989a; Baxter
 1989b; Devera 1990a; Harris, S.E. Jr.
 1977; Reinertsen 1975; Reinertsen 1983b;
 Reinertsen 1987e; Reinertsen 1994b
 Land use:
 Maps: USGS 1977c; USGS 1979a
 Limestone and dolomite: Feiznia 1983;
 Treworgy, J.D. 1985
 Sedimentary petrology: Vincent 1975
 Mineral resources: Carlon, John 1975; Heyl
 1966b; Klasner 1984a; Klasner 1984c;
 Klasner 1986; Major 1966a; Maniocha
 1974; Pinckney 1976
 Economic geology: Eidel 1993b; Major 1966a
 Mapping: Eidel 1993a
 Maps: Klasner 1983b; Klasner 1983c
 Paleontology: Klee 1985; Thein 1974
 Palynology: Peppers 1993a
 Petroleum exploration: Sutton 1971
 Sand and gravel:
 Mineralogy: Hunter 1968a
 Sandstone: Cole, R.D. 1995; Kehlenbach 1969;
 Klee 1985; Treworgy, J.D. 1985; Wescott

- 1976; Wescott 1982
- Soil surveys: Parks 1975
- Soils: Trudick 1979
- Stratigraphy:
- Ordovician: Nelson, W.J. 1996a
 - Devonian: Nelson, W.J. 1996a; North, W.G. 1969a; North, W.G. 1969b
 - Mississippian: Cole, R.D. 1995; Kehlenbach 1969; Nelson, W.J. 1996a; Randall, J.W. 1970; Treworgy, J.D. 1985
 - Pennsylvanian: Bohm 1981; Greater Egypt 1978b; Koeninger 1979; Nelson, W.J. 1996a; Searight 1979
 - Quaternary: Henderson, E.D. 1992; Lannon 1988; Lannon 1992; Oliver, L. 1988
- Structural geology: Kolata 1980; Kolata 1981b; Marshak 1990
- Porters Creek Formation:** Thomas, A.R. 1989
- Potosi Dolomite:** Roy, W.R. 1988
- Pounds Sandstone Member:** Ethridge 1976; Jennings 1974
- Prairie du Chien Group:** Davis, R.A. Jr. 1975b
- Precambrian:** Baxter 1989b; Bickford 1986; Bickford 1993; Dart 1992; Dart 1995; Hauser 1993; Heigold 1993a; Kutina 1978; Nelson, W.J. 1990d; Pratt, T.L. 1989; Pratt, T.L. 1990; Pratt, T.L. 1992; Van Schmus 1993; Van Schmus 1996
- Geochemistry: Lidiak 1996
- Pulaski County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Nelson, W.J. 1995c
 - Clay and shale: Hughes, R.E. 1989b; Slechta 1974
 - Clay minerals: Slechta 1974
 - Coal mine lakes:
 - Maps: Voelker 1985
 - Geochemistry: Bullock 1991e; Bullock 1991f
 - Geologic maps: Gray, H.H. 1991b
 - Geophysical surveys: Ahbe 1978; Heigold 1976; Heigold 1993b; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990; Schafersman 1973; US Ener. Res. 1979; Yule 1988
 - Groundwater: Lambert, T.W. 1967; Woller 1978d
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Esling 1995; Harris, S.E. Jr. 1977; Reinertsen 1975
 - Land use:
 - Maps: USGS 1977c; USGS 1979a
 - Mineral resources: Heyl 1966b; Major 1966a
 - Economic geology: Eidel 1993b; Major 1966a
 - Mapping: Eidel 1993a
 - Paleobotany: Wheeler, E.F. 1987
 - Paleontology: Cope 1996
 - Petroleum engineering: Lasemi, Zakaria 1994
 - Sand and gravel:
 - Mineralogy: Hunter 1968a
 - Sandstone:
 - Sedimentary petrology: Zeito 1965
 - Soil surveys: Parks 1968
 - Stratigraphy:
 - Ordovician: Nelson, W.J. 1996a
 - Devonian: Nelson, W.J. 1996a; North, W.G. 1969a; North, W.G. 1969b
 - Mississippian: Nelson, W.J. 1996a
 - Pennsylvanian: Koeninger 1979; Nelson, W.J. 1996a
 - Tertiary: Cope 1996
 - Quaternary: Esling 1989a; Esling 1989b; Esling 1995; Leach 1989; McKeown 1976
 - Structural geology: Kolata 1980; Kolata 1981b
 - Tectonics: Schafersman 1973
- Purington Shale Member:** Moore, D.M. 1978
- Putnam County (see also subjects):**
- Coal:
 - Strippable reserves: Smith, W.H. 1968
 - Coal mines: Bradford 1983; ISGS 1994-1996
 - Waste: Bradford 1987; Szafoni 1988
 - Geophysical surveys: Georgiou 1970; Heigold 1993e
 - Groundwater: Gibb 1979; McComas 1968; McComas 1969b; Nealon 1989; Visocky 1985; Willman 1973a; Woller 1976d
 - Contamination: Keefer 1995b; Keefer 1995d
 - Guidebook: Berggren 1978b; Reinertsen 1971b
 - Land use: McComas 1968
 - Limestone and dolomite: Jacobson, R.J. 1983b
 - Mineral resources: Major 1967a; McComas 1968; Willman 1973a
 - Soil surveys: Zwicker 1992b
 - Stratigraphy:
 - Cambrian: Kenney 1977
 - Pennsylvanian: Jacobson, R.J. 1983b

- Quaternary: Kerasotes 1989; McComas 1969b
- Waste disposal:
- Planning: McComas 1968
- Pyramid Field:** Helpingstine 1988b
- Pyrite:** Kirchner 1989
- Collecting: Jones, B. 1982; Richards, R.P. 1995a
- Geochemistry: Anderson, T.F. 1987; Frost, J.K. 1995; Harvey 1987; Shiley 1982
- Trace elements: Harper, Denver 1977
- Quartz:**
- Geochemistry: Pinckney 1970
- Sand: Rooney 1970; Summerson 1970a; Summerson 1970b
- Quaternary (see also counties):** Bergstrom 1968e; Griffin, J.B. 1968; Kempton 1968b
- Interglacial environment: Curry 1992b; Curry 1996
- Maps: Erdmann 1991; Lineback 1979b
- Stratigraphy: Curry 1989; Frye, J.C. 1968c; Frye, J.C. 1970b; Frye, J.C. 1974a; Glass 1987; Johnson, W.H. 1976; Kempton 1968a; Willman 1970c
- Racine Dolomite:** Garney 1983; Mikulic 1985a; Mikulic 1992; Mikulic 1994a; Mikulic 1994b
- Radiocarbon dates:** Coleman 1972; Coleman 1973a; Coleman 1973b; Coleman 1974; Coleman 1975; Kempton 1966; Kim, S.M. 1969a; Kim, S.M. 1969d; Kim, S.M. 1970a; Kim, S.M. 1970b; Liu, Chao-Li 1981; Liu, Chao-Li 1986a; Liu, Chao-Li 1986b; Liu, Chao-Li 1992
- Radon:** Cahill 1994; Gilkeson, R.H. 1988; IL Dept. Nuclear Safety 1986; IL Dept. Nuclear Safety 1988; IL Dept. Nuclear Safety 1992; Schumann 1993a; Schumann 1993b; Schumann 1993c; US EPA 1993
- Geochemistry: Greeman 1996
- Randolph County (see also subjects):**
- Archaeological sites: Styles, B.W. 1986a
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Kircher 1967; Yarbrough 1974a
- Clay and shale: Treworgy, J.D. 1985
- Sedimentary petrology: Cleaveland 1983
- Coal:
- Geochemistry: Oman 1994
- Coal mines: ISGS 1994-1996
- Hydrology: Borghese 1984
- Land subsidence: Nawrot 1977b
- Reclamation: Indorante 1981a; Indorante 1981b
- Trace elements: Tedesco 1980
- Geochemistry: Bullock 1991a; Bullock 1991b; Bullock 1991c; Bullock 1991d; Bullock 1991e; Bullock 1991f
- Geologic maps: Gray, H.H. 1991b; Schultz 1993; Whitfield 1993
- Geomorphology: Univ. IL Agric. Exp. 1992a; Univ. IL Agric. Exp. 1992b
- Geophysical surveys: Heigold 1976; Heigold 1993b; Heigold 1993k; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1979b; Hildenbrand 1996; Kucks 1990; Larson, T.H. 1996; Lovely 1983; Schafersman 1973; US Dept. Energy 1981h; US Ener. Res. 1979
- Groundwater: Larson, T.H. 1996; Poole 1981a; Poole 1984; Poole 1985b; Poole 1989; Ringler 1980; Wehrmann 1980
- Contamination: Keefer 1995b; Keefer 1995d
- Guidebook: Cecil 1989; Collinson 1978; Graham, R.W. 1986; Harris, S.E. Jr. 1977; Reinertsen 1972c; Reinertsen 1992d; Simon, J.A. 1966a; Wilson, G.M. 1966e
- Land use: IL EPA 1978
- Maps: USGS 1977c; USGS 1979a; USGS 1982c
- Landslides: Su, W.J. 1993
- Limestone and dolomite: Lineback 1981; Treworgy, J.D. 1985
- Sedimentary petrology: Abegg 1986; Bird 1981; Carozzi 1968; Cleaveland 1983; Diaby 1981; Feiznia 1981; Harris, C.D. 1987; Roche 1967; Vincent 1975
- Mineral resources: Heyl 1966b; Major 1966c
- Economic geology: Eidel 1993b
- Mapping: Eidel 1993a
- Paleoecology: Abegg 1986; Eggert, D.L. 1974
- Paleontology: Klee 1985; Norby 1976; Railsback 1993; Thein 1974; Wescott 1987
- Petroleum: Baker, S.E. 1992
- Production: Bristol 1974a
- Petroleum exploration: Cahill 1978
- Sand and gravel:
- Sedimentary petrology: Ehrlinger 1970

- Sandstone: Cole, R.D. 1995; Kehlenbach 1969;
Klee 1985; Treworgy, J.D. 1985; Wescott
1976; Wescott 1982
Geochronology: Bridgett 1978
Sedimentary petrology: Carozzi 1968;
Carozzi 1988; Ou 1983; Simon, J.A.
1966a
Soil surveys: Miles 1988
Soils: Indorante 1981a; Indorante 1981b
Stratigraphy:
Ordovician: Nelson, W.J. 1996a
Devonian: Nelson, W.J. 1996a
Mississippian: Cecil 1989; Cole, R.D. 1995;
Collinson 1978; Collinson 1981; Eggert,
D.L. 1974; Heivilin 1967; Kehlenbach
1969; Nelson, W.J. 1996a; Randall, J.W.
1970; Treworgy, J.D. 1985
Pennsylvanian: Cecil 1989; Nelson, W.J.
1996a; Palmer, J.E. 1979c; Palmer, J.E.
1985; Searight 1979
Quaternary: Graham, R.W. 1986
Structural geology: Stevenson 1973
Tectonics: Schafersman 1973
Reelfoot Rift: Goldhaber 1992a; Hildenbrand
1995; Howe 1985; McGinnis, J.P. 1984;
Ravat 1985; Schwalb 1982b; Sexton
1988b; Symons 1994; Weaverling 1987
Relief map: Abert 1995a; Abert 1995b; Abert
1996; Bier 1980
Remote sensing: EOSAT 1991-1995
Renault Limestone: Bigelow 1983c; Santa 1985;
Symons 1994; Walker, M.E. 1985
Reynoldsburg Coal Member: Price, Charles
1973
Richland County (see also subjects):
Areal geology: Kircher 1967
Clay and shale: Treworgy, J.D. 1985
Coal:
Strippable resources: Nance 1981
Coal mines: ISGS 1994-1996
Earthquakes: Langer 1987; Langer 1991; Reagor
1987; Street 1988
Geologic maps: Gray, H.H. 1970; Gray, H.H.
1991b
Geophysical surveys: Ahbe 1978; Heigold 1993i;
US Dept. Energy 1981i
Groundwater:
Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Weibel 1989a
Land use:
Maps: USGS 1981a
Limestone and dolomite: Sweet 1983; Treworgy,
J.D. 1985; Winternheimer 1996
Mineral resources: Major 1966c
Oil and gas fields: Cluff 1988
Paleobotany: Agashe 1970; Andrews, H.N. 1965;
Basinger 1974; Dennis, R.L. 1968a;
Dennis, R.L. 1968b; Eggert, D.A. 1967;
Eggert, D.A. 1979; Good, C.W. 1973;
Mickle 1982; Millay 1974a; Millay 1974b;
Phillips, T.L. 1966; Phillips, T.L. 1968;
Phillips, T.L. 1970; Ramanujam 1974;
Rothwell 1970; Rothwell 1979; Smoot
1984b; Smoot 1985; Stidd 1970b;
Stubblefield 1984b; Taylor, T.N. 1969b;
Taylor, T.N. 1970; Taylor, T.N. 1971
Paleontology: Weibel 1988
Petroleum: Winternheimer 1996
Sandstone: Treworgy, J.D. 1985
Soil surveys: Holhubner 1972
Stratigraphy:
Devonian: North, W.G. 1969a; North, W.G.
1969b
Mississippian: Treworgy, J.D. 1985
Pennsylvanian: Horne 1968; Weibel 1988;
Weibel 1989a
Structural geology: Wier 1974c
Tectonics: Wier 1974c
Richview Pool: Williamson 1968
**Rivers and streams (Mississippi, Illinois, and
Ohio Rivers listed separately, see
also Wetlands, Watersheds):** IL
Dept. Ener. Nat. Res. 1990c; IL Dept.
Ener. Nat. Res. 1994b; IL EPA 1995
Bankston Fork of Saline River:
Contamination: Kelly, M.H. 1984
Bay Creek:
Sediments: Lazaro 1984
Big Creek: Hutchison 1976
Big Muddy River:
Contamination: Toler 1982b
Floods: Chrzastowski 1994c
Hydrochemistry: Adem 1985
Blue Creek: Davenport 1983; Davenport 1984
Geomorphology: Lee, M.T. 1981
Sedimentation: Lee, M.T. 1983
Brumbach Creek: Goldman 1981
Brushy Creek: Chruscicki 1980

- Butterfield Creek: US Soil 1987
 Cache River: Holmes, R.R. Jr. 1996a
 Sedimentation: Demissie 1989d; Demissie 1990; Demissie 1992b
 Cahokia Creek:
 Water quality: Schubert 1977
 Cal Sag Channel:
 Sediments: Harrison, Wyman 1981; Van Luik 1982; Van Luik 1984a; Van Luik 1984b
 Calumet River:
 Sedimentation: Nedved 1973
 Cedar Creek:
 Fluvial features: Neumann 1976
 Geomorphology: Neumann 1976
 Sedimentation: Freeman 1989
 Chicago River:
 Floods: Blanchard 1993
 Clear Creek:
 Floods: Kistler 1983
 Sediments: Kistler 1983
 Conservation Creek:
 Geomorphology: Miller, S.O. 1989
 Sediments: Miller, S.O. 1989
 Contamination: Roy, W.R. 1992; Toler 1982b
 Court Creek: Roseboom 1983
 Crab Orchard Creek:
 Floods: Jasieniecki 1970
 Crookedleg Creek: Goldman 1981
 Cypress Creek:
 Fluvial features: Sengupta, Raja 1995
 Sediments: Sengupta, Raja 1995
 Dead Dog Creek: Kubillus 1994
 Des Plaines River: Hensel 1991a; Rhoads 1990; Rhoads 1991
 Engineering geology: Grimes 1977
 Hydrochemistry: Flemal 1976a
 Sediments: Harrison, Wyman 1981; Van Luik 1982
 Drury Creek: Allison, D.A. 1978; Miller, S.O. 1993
 Eliza Creek: Goldman 1981
 Embarras River:
 Contamination: Roy, W.R. 1993b
 Engineering geology: Demissie 1989a; Demissie 1989c
 Models: Chenoweth, J.W. 1993
 Ephemeral streams: White, Martha 1975
 Hydrogeology: Henderson, Donpaul 1976
 Erosion: Bhowmik 1979b; Bhowmik 1983; Demissie 1989a; Demissie 1992a; Demissie 1994; Hagerty 1981; May, J.R. 1982; Parker 1989; Rhoads 1990; Spoor 1989; Taylor, G.C. 1983
 Fluvial features: Alexander, C.S. 1972; Goldman 1981; Jackson, R.G. II 1975b; Makowski 1986b; Ranalli 1968; Stanke 1988; Thakur 1970; Vagt 1982
 Computer programs: Stevens, G.T. 1984
 Models: Smith, R.H. 1978
 Forage Creek:
 Fluvial features: White, Martha 1975
 Fox River:
 Floods: Chrzastowski 1994c
 Hydrochemistry: Flemal 1976a
 Sediments: Waythomas 1991
 Galena River:
 Sedimentation: Magilligan 1985
 Geomorphology: Allison, D.A. 1978; Allman 1968; Edgar 1976; Flemal 1970b; Fleming, A.J. 1987; Goldman 1981; Lagasse 1975; Miller, J.A. 1972; Miller, J.A. 1973; Shifflett 1973; Stall 1967; Strauser 1984; Vagt 1982
 Geophysical surveys: Vagt 1982
 Glacial geology: Clere 1975
 Goose Creek: Arnold 1996
 Government Creek:
 Fluvial features: White, Martha 1975
 Geomorphology: Andrews, J.A. 1974
 Sedimentation: Saul 1986
 Grand Calumet River: Cahill 1993a
 Hydrochemistry: Crawford, C.G. 1987
 Hadley Creek: Arnold 1996
 Hickory Creek: Goulter 1979; Goulter 1983; Hopkins, L.D. 1981
 Hutchins Creek:
 Floods: Kistler 1983
 Sediments: Kistler 1983
 Hydrochemistry: Adem 1985; Flemal 1976a; Flemal 1976b; McBroom 1976; Meyer, D.F. 1976
 Handbooks: Cahill 1985
 Hydrologic cycle: Avery 1994a; Strobel 1995
 Indian Creek:
 Drainage: Flemal 1970b
 Geomorphology: Miller, S.O. 1989
 Sediments: Miller, S.O. 1989

- Iroquois River: Bhowmik 1988c
Sedimentation: Bhowmik 1986
Sediments: Gross 1981
- Kankakee River: Bhowmik 1988c; Ivens 1981
Floods: Chenoweth, J.W. 1993;
Chrastowski 1994c
Hydrochemistry: Flemal 1976a
Sedimentation: Bhowmik 1980b; Bhowmik
1986; Phipps 1995
Sediments: Gross 1981
Water use: Smith, H.F. 1972
- Kaskaskia River: Yarbrough 1974a
Floods: Chrastowski 1994c; Roy, W.R.
1994b
Geomorphology: Shifflett 1973; Strauser
1984
- Killbuck Creek: Goldman 1981
- Kishwaukee River:
Contamination: Schwartz 1991
- Klein Creek: Miner 1994a
- Kyte River:
Drainage: Flemal 1970b
- LaMoine River:
Hydrochemistry: Flemal 1976a
Land use: Bohnert 1971; Spieker 1970
Little Rush Creek: Goldman 1981
- Loop Creek:
Floods: Camp, J.D. 1972
- Mackinaw River:
Hydrochemistry: Flemal 1976a
- Macoupin Creek:
Hydrochemistry: Flemal 1976a
Management: Crandall 1984a; Spieker 1970
- Middle Fork of Vermilion River:
Fluvial features: Stanke 1988
Models: Chen, Y.H. 1975
- Panther Creek: Arnold 1996; Visocky 1970
Geomorphology: Allman 1968
- Protection: Dreher, D.W. 1987; Schueler 1994
- Raccoon Creek:
Sedimentation: Waldo 1988
- Remote sensing: Frank, T.D. 1981
- Richland Creek:
Floods: Camp, J.D. 1972
- Rock River: Avery 1994a
Floods: Chrastowski 1994c; Moline 1974
Sediments: Golchert 1991
- Saline Branch of Vermilion River:
Fluvial features: Stanke 1988
- Saline River:
Contamination: Toler 1982b
- Salt Fork of Vermilion River:
Fluvial features: Stanke 1988; Thakur 1970
- Sangamon River: Bhowmik 1988c; Fitzpatrick,
W.P. 1987a
Floods: Chrastowski 1994c
Geomorphology: Miller, J.A. 1972; Miller,
J.A. 1973
Hydrochemistry: Flemal 1976a
Sedimentation: Lee, M.T. 1982
- Sedimentation: Akanbi 1994; Bhowmik 1985a;
Demissie 1994; Ikeda 1989; Kreznor 1990;
Moody 1993; Nedved 1973; Schnoor 1982;
Taylor, G.C. 1983; Waldo 1988
Management: Lamb, M.S. 1991
Measurement: Graf, J.B. 1983
Models: Bhowmik 1984a; Bhowmik 1984b
- Sediments: Akanbi 1994; Bhowmik 1985b;
Bhowmik 1988c; Bhowmik 1990; Colman,
J.A. 1991; Herman 1987; Jackson, R.G. II
1981; Leedy 1979; Moody 1995; Nienkerk
1975; Van Luik 1984a; Wilkin 1981
Contamination: Cahill 1993a; Coupe 1993;
Lin, S.D. 1987; Meade 1995; Pavlowsky
1995; Schnoor 1980; Van Luik 1984b
Geochemistry: Arendt 1975; Arendt 1976;
Arendt 1977; Colman, J.A. 1992; Eisner
1981; Golchert 1991; Harrison, Wyman
1981; Jones, P.L. 1979; Leenheer 1994;
Sargent, K.A. 1982; Van Luik 1982
Magnetic susceptibility: Waythomas 1991
Measurement: Frost, L.R. 1984a
Monitoring: Davie 1990
Separation: Rees, T.F. 1991
Trace elements: Chruscicki 1980;
Fitzpatrick, F.A. 1995
Transport: Holmes, R.R. Jr. 1996b
- Sevenmile Creek: Guntermann 1975
- Sexton Creek: Ritter 1975
- Silver Creek: Makowski 1986b
- South Fork of Saline River:
Contamination: Rosso, W.A. 1975
- Spoon River:
Floods: Chrastowski 1994c
Hydrochemistry: Flemal 1976a
Sediments: Bhowmik 1988c
- Spring Creek:
Sediments: Allen, H.E. 1984

- Stonefort Creek:
 Geomorphology: Miller, S.O. 1989
 Sediments: Miller, S.O. 1989
- Vermilion River: Melching 1990
 Hydrochemistry: Flemal 1976a
 Sediments: Jackson, R.G. II 1980
- Wabash River:
 Floods: Chrzastowski 1994c
 Fluvial features: Fraser, G.S. 1992; Fraser, G.S. 1993; Jackson, R.G. II 1975b; Ranalli 1968
 Sedimentation: Fraser, G.S. 1993; Ikeda 1989; Jackson, R.G. II 1975a; Jackson, R.G. II 1976a; Jackson, R.G. II 1976b
- Waubensee Creek: Miner 1994b
- William's Creek:
 Geomorphology: Miller, S.O. 1989
 Sediments: Miller, S.O. 1989
- Wolf Creek: Eaton 1991
- Robinson Field:** Hewitt 1966
- Rock Island County (see also subjects):**
 Clay and shale:
 Engineering geology: Mesri 1972
 Coal:
 Strippable reserves: Searight 1969
 Coal mines: ISGS 1994-1996
 Engineering geology: Gamble 1969
 Fossils:
 Collecting: Hinman 1967; Johannesen 1967; Pine 1976; Scheffel 1968a
 Geologic maps: Hallberg 1991
 Geomorphology: Anderson, R.C. 1968; Flemal 1972d
 Geophysical surveys: Heigold 1993g; McGinnis, L.D. 1974b; Sowan 1969; US Dept. Energy 1981c; USGS 1982a
 Groundwater: Anderson, R.C. 1980; Brueckmann 1968; Larson, T.H. 1993; Lucey 1995; Nealon 1989; Visocky 1985
 Contamination: Keefer 1995b; Keefer 1995d
 Withdrawals: Sasman 1973
 Guidebook: Anderson, R.C. 1982; Berggren 1980b; Edmund 1967; Hammer, W.R. 1985; Leary 1979a; Leary 1985a; Reinertsen 1974b
- Land use:
 Maps: USGS 1982f
- Limestone and dolomite:
 Sedimentary petrology: Giraud 1986
- Loess: Putman 1988
- Mineral resources: Anderson, R.C. 1980; Major 1967b
- Paleobotany: Leary 1979a; Leary 1980a; Leary 1980b; Leary 1981; Leary 1989; Leary 1990; Mickle 1984a
- Paleogeography: Leary 1976a
- Paleontology: Hickerson 1992; Johannesen 1980; Merrill 1971; Strimple 1974
- Sand and gravel: Anderson, R.C. 1967
- Sandstone:
 Sedimentary petrology: Nunn, J.R. 1986
- Soil surveys: Rehner 1977
- Stratigraphy: James, A.T. 1968
 Devonian: Hammer, W.R. 1985
 Pennsylvanian: Hammer, W.R. 1985; Leary 1981; Leary 1985a
 Quaternary: Flemal 1972d
- Till: Frye, J.C. 1969a
- Topography:
 Pennsylvanian: Leary 1984
- Waste disposal:
 Planning: Anderson, R.C. 1980
- Rock mechanics:** Bauer, R.A. 1987b
- Roxana Silt:** Foster, J.B. 1984c; Graham, R.C. 1985; Johnson, W.H. 1989b; Leigh 1991; Leigh 1994b; McKay, E.D. 1977
- Sailor Springs Field:** Drexler 1988
- St. Clair County (see also subjects):**
 Mineral resources: DuMontelle 1989
 Areal geology: DuMontelle 1971a; Kircher 1967; US Dept. Energy 1981k; Yarbrough 1974a
 Clay and shale: Odom 1971; Stepusin 1978; Treworgy, J.D. 1985
 Geochemistry: Rimmer 1982
 Mineralogy: Rimmer 1982; Stepusin 1978
 Sedimentary petrology: Cleaveland 1983
 Coal: Treworgy, C.G. 1996b
 Sedimentary petrology: Finkelman 1984
 Strippable reserves: Englund 1977
 Coal mine lakes: Gibb 1978b
 Coal mines: ISGS 1994-1996
 Rock mechanics: Conroy 1973
 Geophysical surveys: Wang, Shiping 1992
 Groundwater (effect on): Brabets 1984
 Land subsidence: ISGS 1978; Nawrot 1977b; Paone 1978; Stache 1992
 Trace elements: Tedesco 1980

- Engineering geology: DuMontelle 1989
- Geologic maps: Gray, H.H. 1991b; Schultz 1993; Whitfield 1993
- Geomorphology: Barnhardt 1991; Univ. IL Agric. Exp. 1992a; Univ. IL Agric. Exp. 1992b; Yarbrough 1974b
- Geophysical surveys: Dalan 1996; Heigold 1976; Heigold 1993k; Lovely 1983; Schafersman 1973; US Dept. Energy 1981h
- Groundwater: Jacobs 1971; Rehfeldt 1992; Ritchey 1983; Ritchey 1984a; Ritchey 1984b; Ritchey 1984c; Ritchey 1984d; Voelker 1984; Webb, D.W. 1995; Webb, D.W. 1996
- Contamination: Keefer 1995b; Keefer 1995d
- Withdrawals: Baker, W.H. 1972; Collins, M.A. 1986; Emmons 1979; Kohlase 1987; Reitz 1968; Schicht 1984; Schicht 1995
- Guidebook: Collinson 1978; Cote, W.E. 1970c; DuMontelle 1989; Follmer 1989; Graham, R.W. 1986; Harris, S.E. Jr. 1977; McKay, E.D. 1979b
- Land use: IL EPA 1978
- Maps: USGS 1982c; USGS 1982d
- Landslides: Krumm 1984; Su, W.J. 1993
- Limestone and dolomite: Lineback 1981; O'Connell, D.B. 1983; Treworgy, J.D. 1985
- Sedimentary petrology: Bird 1981; Cleaveland 1983
- Loess: Follmer 1989; McKay, E.D. 1977
- Mineral resources: Jacobs 1971; Major 1966b
- Oil and gas fields: Schwalb 1968a
- Paleoecology: O'Connell, D.B. 1983
- Paleontology: Burdick 1971; Furnish 1971; Kesling 1967; Majewski 1973; Norby 1976; Strimple 1982; Thein 1974; Welch, J.R. 1976
- Paleosols: Frye, J.C. 1974c
- Petroleum:
- Production: Bristol 1974a
- Petroleum exploration: Cahill 1978
- Sand and gravel:
- Sedimentary petrology: Ehrlinger 1970
- Sandstone: Treworgy, J.D. 1985
- Soil surveys: Wallace, D.L. 1978
- Soils: Olson, R.E. 1970
- Stratigraphy:
- Mississippian: Collinson 1978; Moore, M.C. 1970; Styles, B.W. 1986b; Treworgy, J.D. 1985
- Pennsylvanian: Johnson, D.O. 1972; Palmer, J.E. 1979c; Palmer, J.E. 1985; Searight 1979
- Quaternary: Bratton 1971; Graham, R.W. 1986; McKay, E.D. 1979b
- Structural geology: Stevenson 1973
- Tectonics: Schafersman 1973
- Waste disposal: Klein, S.J. 1983
- Planning: Jacobs 1971
- St. Clair Limestone:** Cooper, B.J. 1976
- St. David cyclothem:** Grenda 1969
- St. James Field:** Buehner 1968
- St. James North Field:** Seyler 1988c
- St. Laurent Formation:** Fraunfelter 1967; Grimmer 1968
- St. Louis Limestone:** Baxter 1969; Bristol 1966; Cluff 1984; Collins, W.E. 1973; Diaby 1984a; Diaby 1984b; Lineback 1972b
- Saint Peter Formation:** Shebl 1985
- St. Peter Sandstone:** Allen, R.D. 1981; Bond 1970a; Dott 1986; Duba 1978; Fraser, G.S. 1976; Gilkeson, R.H. 1978; Goldhaber 1992b; Grutzeck 1986; Hoholick 1980; Hoholick 1984; Johnson, C.B. 1989; Kirchner 1989; Kreutzfeld 1982; Nicholas 1987; Nielsen 1984; Odom 1979; Pitman 1996; Stackelberg 1987; Swingen 1981; Van Loon, A.J. 1987; Willand 1976; Winfree 1983
- Ste. Genevieve Limestone:** Anderson, G.R. 1976; Bandy 1993; Burling 1974; Carr, D.D. 1973; Choquette 1968; Choquette 1980; Choquette 1985; Cluff 1984; Donath 1980; Heivilin 1967; Hiseler 1977; Hiseler 1978; Lacey 1967a; Lacey 1967b; Manley 1993; Mann, C.J. 1974; Rao 1970; Rao 1971; Rao 1972; Rao 1973a; Seyler 1986; Stevenson 1969a; Stevenson 1970; Strunk 1989; Symons 1994; Tharp 1983; Woodward, S.C. 1983
- Salem Anticline:** Zuppann 1988f
- Salem Field:** Whiteley 1976
- Salem Limestone:** Bhattacharyya 1994; Brown, M.A. 1988; Carozzi 1987; Cluff 1984; Diaby 1981; Jaeger 1982; Lamborg 1986; Lineback 1972b; Losonsky 1992;

- Reichelderfer 1985; Stevenson 1978;
Stevenson 1979; Winternheimer 1996
- Saline County (see also subjects):**
- Areal geology: Baxter 1967; Nelson, W.J. 1991b
- Clay and shale: Treworgy, J.D. 1985
- Coal: Allgaier 1975; Greater Egypt 1978a;
Hopkins, M.E. 1968; Jacobson, R.J.
1993a; Treworgy, C.G. 1995a
- Geophysical surveys: Henson 1991
- Sedimentary petrology: Harris, L.A. 1980;
Padgett 1980
- Coal mine lakes:
Maps: Voelker 1985
- Coal mines: ISGS 1993-1995; ISGS 1994-1996;
Lindorff 1980; Reed, Monty 1982
- Rock mechanics: Conroy 1973
- Buffers: Bryant, Karen 1995
- Engineering geology: Ingram 1988
- Groundwater (effect on): Booth, C.J. 1987;
Booth, C.J. 1992a; Saric 1987
- Land subsidence: Booth, C.J. 1987; Booth,
C.J. 1992a; Carpenter, P.J. 1995;
Johnston, M.A. 1994; Karaman 1995;
Kawamura 1994; Nawrot 1977b; Rogers,
P.R. 1981; Saric 1987; Van Roosendaal
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Production: Bigelow 1983b
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Devonian: North, W.G. 1969a; North, W.G.
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 Geologic maps: Gray, H.H. 1991b
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 Groundwater: Bergstrom 1976; O'Hearn 1982; Ringler 1980; Wehrmann 1980
 Contamination: Keefer 1995b; Keefer 1995d
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 Land use:
 Maps: USGS 1979d; USGS 1980c
 Limestone and dolomite: Baxter 1989c
 Loess: Hansen 1970; Kleiss 1973
 Mineral resources: Bergstrom 1976; Major 1967c
 Paleontology: Sipiera 1976
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 Soil surveys: Steinkamp 1980
 Stratigraphy: Atherton 1966
 Mississippian: Moore, M.C. 1970
 Pennsylvanian: Avcin 1969

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Waste disposal:
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1982
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Savanna Terrace: Flock 1983
Schuyler County (see also subjects):
Clay and shale:
Geochemistry: White, W.A. 1980
Sedimentary petrology: Sotonoff 1976
Coal mines: ISGS 1994-1996
Geologic maps: Hallberg 1991
Geophysical surveys: Heigold 1993f; US Dept.
Energy 1981a
Groundwater: Barker, Bruce 1970; Gibb 1979;
Visocky 1985; Willman 1973a
Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Frankie 1996a; Reinertsen 1971d
Land use: Barker, Bruce 1970
Maps: USGS 1979b; USGS 1979e; USGS
1980a
Loess: Hansen 1970
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Petroleum exploration: Herzfeld 1985;
Montgomery, S.L. 1988; Whitaker 1995a;
Whitaker 1996
Sandstone: Wills 1971
Sedimentary petrology: Laury 1968
Stratigraphy:
Pennsylvanian: Leary 1974
Quaternary: Hallberg 1980; Wickham, J.T.
1980
Scott County (see also subjects):
Clay and shale:
Geochemistry: White, W.A. 1980
Coal mines: ISGS 1994-1996
Geologic maps: Whitfield 1993
Geophysical surveys: Heigold 1979b; Heigold
1993j; US Dept. Energy 1981f
Groundwater: Gibb 1979; Poole 1981a; Willman
1973a; Woller 1979b
Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Cote, W.E. 1970d
Land use:
Maps: USGS 1979e; USGS 1980a
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Loess: Hansen 1970; Kleiss 1973
Mineral resources: Willman 1973a
Soil surveys: Gotsch 1988
Soils: Friend 1994
Stratigraphy: Atherton 1966
Mississippian: Moore, M.C. 1970
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Sedimentary structures:
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Folds: Yagishita 1979
Rock mechanics: Bauer, R.A. 1983b
Sedimentation: Demissie 1994
Deltaic: Ethridge 1975; Seyler 1982
Depositional environment: Roush 1972
Geochemistry: Ranganathan 1991; Siever 1982
Glacial:
Outwash: Fraser, G.S. 1982
Mississippian: Seyler 1982
Silurian: Mikulic 1985a; Mikulic 1992; Mikulic
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1981b; Treworgy, J.D. 1984c
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Maps: Stover, C.W. 1979
New Madrid Region: Herrmann 1986; Mitchell,
B.J. 1991; Nuttli 1990; Sexton 1988b
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Seville Limestone Member: Elliott, R.A. 1967
Shakopee Dolomite: Hein 1972
Shale (see Clay and shale)
Shelby County (see also subjects):
Areal geology: Bleuer 1967; ISGS 1975a
Clay and shale: Treworgy, J.D. 1985
Coal: Avcin 1969
Strippable resources: Nance 1981
Coal mines: ISGS 1994-1996
Geologic maps: Gray, H.H. 1991b
Geophysical surveys: Heigold 1993h

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 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Weibel 1989a
 Land use:
 Maps: USGS 1979d; USGS 1980c
 Limestone and dolomite: Treworgy, J.D. 1985
 Mineral resources: ISGS 1975a; Major 1966c
 Oil and gas fields: Rice, R.J. 1993; Zuppann 1988e
 Paleontology: Weibel 1988
 Petroleum: Zuppann 1988f
 Petroleum engineering: Rice, R.J. 1993
 Sandstone: Treworgy, J.D. 1985
 Soil surveys: Gotsch 1996
 Stratigraphy:
 Devonian: North, W.G. 1969a; North, W.G. 1969b
 Mississippian: Moore, M.C. 1970; Treworgy, J.D. 1985
 Pennsylvanian: Avcin 1969; Horne 1968; Weibel 1988; Weibel 1989a
 Quaternary: Johnson, W.H. 1971a
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Shoal Creek Limestone Member (see Carthage Limestone Member)
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 Geochemistry: Cahill 1978
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 Paleoecology: Lowenstam 1968
 Stratigraphy: Amsden 1986; Berry, W.B.N. 1970; Droste 1985; Droste 1987; Kluessendorf 1996; Mikulic 1985b
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 Models: Bhowmik 1984a; Bhowmik 1984b
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 Geochemistry: Combs 1982; Frazee, C.J. 1968; Jones, R.L. 1967; Lewis, B.G. 1983; Nizeyimana 1988; Snarski 1981
 Geomorphology: Cox, T.D. 1994; Habermann 1980
 Grain size: Follmer 1973; Indorante 1990; Indorante 1991
 Hydraulic conductivity: Chong 1982; Elzeftawy 1981; Elzeftawy 1983; Frazee, C.J. 1968; Keefer 1994; Keefer 1995e; Keefer 1996
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- Nitrates:
Leaching: Keefer 1995f
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- Spechts Ferry Formation:** Matthews 1988
- Sphalerite:** Barnes, H.L. 1967; Cobb, J.C. 1981b; Cobb, J.C. 1981c; Hatch 1976; Khawaja 1967; Peck 1979
- Geochemistry: Maniocha 1974; Whelan 1988
- Spirit leveling:** ISGS 1966a; ISGS 1969
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- Spoon River basin:**
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Sedimentation: Bhowmik 1984d
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- Springfield Coal Member:** Affolter 1977; Avcin 1969; Chugh 1996c; Damberger 1970a; Eggert, D.L. 1983; Harvey 1983; Harvey 1984; Henson 1989; Hopkins, M.E. 1968; Ledvina 1988; Rogers, P.R. 1981; Smith, W.H. 1975a; Trask 1983; Treworgy, C.G. 1993; Treworgy, J.D. 1984e; Ward, C.R. 1977; Willard, D.A. 1990; Willard, D.A. 1993b
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Areal geology: Elec. Power Res. 1980; Walke 1982
Coal: Treworgy, C.G. 1996c
Trace elements: Cobb, J.C. 1978b
Coal mines: ISGS 1994-1996
Geophysical surveys: Heigold 1993g
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Contamination: Keefer 1995b; Keefer 1995d
Mineral resources: Major 1967a
Sandstone:
Sedimentary petrology: Nunn, J.R. 1986
Soil surveys: Elmer 1996
- Starved Rock Sandstone Member:** Nunn, J.R. 1986
- Stephenson County (see also subjects):**
Fossils:
Collecting: Pine 1976
Geomorphology: Whittcar 1979
Geophysical surveys: Aiken 1982; Aiken 1983; Daniels, J.J. 1981; Heigold 1993g; USGS 1982a
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 Withdrawals: Sasman 1973
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- Paleontology: Kolata 1973; Kolata 1982a
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- Soil surveys: Ray, B.W. 1976
- Soils: Ballagh 1970; Follmer 1967
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 Cambrian: Kenney 1977
 Silurian: Willman 1973b
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 Whittecar 1979; Whittecar 1982
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- Watersheds: US Soil 1974
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- Storms Consolidated Field:** Leetaru 1996a
- Stratigraphic maps:** Berg, R.C. 1988; Shaver
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- Stratigraphy (see also counties and
 subjects):** Bristol 1971b; Buschbach
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 subjects, faults):** Bristol 1971c; Calvert
 1974; Calvert 1975; Davis, R.W. 1973b;
 Nelson, W.J. 1995d; Stevenson 1975b;
 Treworgy, J.D. 1981
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 Diagenesis: Amstutz 1967
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 T.H. 1967; Kinney 1979; Spirakis 1993
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- Summun Coal Member:** Avcin 1969; Nance 1970
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 Excavations: Krapac 1988b
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 Kempton 1987b; Vaiden 1988; Visocky
 1988
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 Models: Murray, W.A. 1985
 Hydrogeology: Kay, R.T. 1987
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- Tamaroa South Field:** Grube 1992
- Tar Springs Sandstone:** Bridgett 1978; Carozzi
 1968; Wescott 1976; Wescott 1982;
 Wescott 1987
- Tazewell County (see also subjects):**
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 Geochemistry: Leventhal 1980
 Coal mines: ISGS 1994-1996
 Geophysical surveys: Heigold 1993f
 Groundwater: Clark, G.R. 1994; Gibb 1979;
 Herzog 1995a; Herzog 1995b; Kempton
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 Wilson, S.D. 1994
 Contamination: Holm, T.R. 1988; Keefer
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 Guidebook: Follmer 1979b; Follmer 1986c;
 Frankie 1995b; Reinertsen 1985d; Shaver
 1983a
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 Maps: USGS 1980e
- Limestone and dolomite: Baxter 1989c
- Mineral resources: Major 1967a; Willman 1973a
- Paleoecology: Miller, N.G. 1979
- Paleontology: Morgan, A.V. 1986; Oliver, J.S.
 1994
- Petroleum:
 Natural gas: Kalyoncu 1979
- Sand and gravel: Hunter 1966b

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- Stratigraphy: Follmer 1986b
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 Follmer 1987; Kempton 1991a; Kempton
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 Thomas, J. Jr. 1970
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 1985
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- Maps: Voelker 1985
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 Metals: Coveney 1983
 Clay minerals: Eberl 1980
 Coal:
 Strippable reserves: Jacobson, R.J. 1981
 Coal mines: ISGS 1994-1996
 Land subsidence: Marino, G.G. 1986;
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 Geologic maps: Gray, H.H. 1979; Gray, H.H. 1991b; Wayne 1966
 Geophysical surveys: Heigold 1993d; Heigold 1993h; Larson, D.R. 1996a; US Dept. Energy 1981b; US Dept. Energy 1981e
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 Contamination: Keefer 1995b; Keefer 1995d
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 Land use:
 Maps: USGS 1982e
 Limestone and dolomite: Gager 1976; Gager 1980; Giffin 1978; Lineback 1981; Merrill 1980b
 Sedimentary petrology: Giffin 1978
 Mineral resources: Jacobson, R.J. 1980; Major 1967a
 Paleobotany: Kosanke 1982; Stidd 1979
 Paleontology: Baird, G.C. 1986; Merrill 1980a; Petzold 1988
 Salt: Mann, C.J. 1980
 Soil surveys: Wacker 1996
 Stratigraphy: Atherton 1966
 Mississippian: Giffin 1978
 Pennsylvanian: Giffin 1978; Jacobson, R.J. 1980; Langenheim, R.L. Jr. 1980a; White, W.A. 1981
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 Tectonics: Wier 1974a; Wier 1974b
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 Waste disposal: Rupp 1991
Vienna Limestone: Carozzi 1968
Volo Bog: Cooper, B.C. 1994; McComas 1972
 Geochemistry: Risatti 1978
 Hydrochemistry: Cooper, B.C. 1994
Wabash County (see also subjects):
 Clay and shale: Treworgy, J.D. 1985
 Coal: Hopkins, M.E. 1968; Jacobson, R.J. 1996
 Strippable resources: Nance 1981
 Coal mines: Eggert, D.L. 1983; ISGS 1994-1996
 Engineering geology: Ingram 1988
 Geologic maps: Gray, H.H. 1970; Gray, H.H. 1991b
 Geophysical surveys: Ahbe 1978; Heigold 1993i; US Dept. Energy 1981i
 Groundwater: Miller, J.D. 1996; Visocky 1994b; Woller 1984b
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Eggert, D.L. 1983; Harris, S.E. Jr. 1977; Reinertsen 1977b; Shaver 1983a; Weibel 1989a
 Land use:
 Maps: USGS 1981a
 Limestone and dolomite: Lineback 1985; Treworgy, J.D. 1985
 Mineral resources: Major 1966c
 Mining geology: Molinda 1992
 Oil and gas fields: Sparks, J.B. 1968
 Paleobotany: DiMichele 1989; Willard, D.A. 1993a
 Paleontology: Petzold 1988
 Petroleum exploration: Johnson, A.C. Jr. 1978
 Sand and gravel:
 Mineralogy: Hunter 1966a
 Sandstone: Treworgy, J.D. 1985
 Sedimentary petrology: Bosse 1986
 Stratigraphy:
 Devonian: North, W.G. 1969a; North, W.G. 1969b
 Mississippian: Treworgy, J.D. 1985
 Pennsylvanian: Horne 1968; Jacobson, R.J. 1985b; Jacobson, R.J. 1987b; Weibel 1989a
 Structural geology: Wier 1974c
 Tectonics: Wier 1974c

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Clay and shale:
 Geochemistry: White, W.A. 1980
 Sedimentary petrology: Olson, R.K. 1973
Coal:
 Strippable reserves: Searight 1969
Coal mines: ISGS 1994-1996
Geologic maps: Hallberg 1991
Geophysical surveys: Heigold 1993f; Heigold 1993g; US Dept. Energy 1981a; US Dept. Energy 1981c
Groundwater: Brueckmann 1968; Nealon 1989; Poole 1986; Ringler 1980; Visocky 1985; Wehrmann 1980; Woller 1978e
 Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Ekblaw, G.E. 1977
Land use:
 Maps: USGS 1979b; USGS 1982f
Limestone and dolomite:
 Sedimentary petrology: Cloos 1981
Mineral resources: Major 1967d
Paleontology: Merrill 1971; Shaver 1974
Sandstone:
 Rock mechanics: Blacic 1981
 Sedimentary petrology: Nunn, J.R. 1986; Olson, R.K. 1973
Stratigraphy: James, A.T. 1968
 Cambrian: Kenney 1977; Olson, R.K. 1973
 Quaternary: Fleeger 1980; Hallberg 1980; Wickham, J.T. 1980
- Warsaw Formation:** Bhattacharyya 1994; Kammer 1994; Pratt, W.P. 1995b
- Washington County (see also subjects):**
Areal geology: Kircher 1967; Yarbrough 1974a
Clay and shale: Treworgy, J.D. 1985
 Geochemistry: Rimmer 1982; Stepusin 1978
 Mineralogy: Rimmer 1982; Stepusin 1978
 Sedimentary petrology: Cleaveland 1983
Coal mine lakes:
 Maps: Voelker 1985
Coal mines: ISGS 1994-1996
Geologic maps: Gray, H.H. 1991b
Geophysical surveys: Heigold 1976; Heigold 1993k; Lovely 1983; Schafersman 1973
Groundwater:
 Contamination: Keefer 1995b; Keefer 1995d
Guidebook: Harris, S.E. Jr. 1977; Reinertsen 1990b
Land use: IL EPA 1978
Limestone and dolomite: O'Connell, D.B. 1983; Treworgy, J.D. 1985
 Sedimentary petrology: Bird 1981; Cleaveland 1983
Mineral resources: Major 1966c
Oil and gas fields: Helpingstine 1988b; Williamson 1968
Paleobotany: Hatcher 1982
Paleoecology: O'Connell, D.B. 1983
Paleontology: Majewski 1973
Petroleum:
 Natural gas: Anonymous 1989c
 Production: Bristol 1974a
Petroleum exploration: Cahill 1978
Sandstone: Treworgy, J.D. 1985
Stratigraphy:
 Devonian: North, W.G. 1969a; North, W.G. 1969b
 Mississippian: Treworgy, J.D. 1985
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Site geology: Jansen, John 1992

Wastewater: Lisk 1994

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Mehnert, Edward 1990b

Blackwell Landfill: Booth, C.J. 1986; Booth, C.J. 1990a

Evaluation: Carpenter, P.J. 1990a; Gross 1972b; Yarnold 1987

Hydrogeology: Hughes, G.M. 1971b

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- Gases: Striegl 1989a; Striegl 1989b; Striegl 1990a; Striegl 1991a
- Geomorphology: Gray, J.R. 1986
- Geophysical surveys: Heigold 1985b; Larson, T.H. 1990
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- Watersheds:** Kreznor 1989; Univ. IL Water Res. Cent. 1984
- Contamination: Roy, W.R. 1993b
- Models: Wheeler, G.L. 1978
- Preventive measures: Mitsch 1992; Schueler 1994
- Transport: Pavlowsky 1996; Wheeler, G.L. 1978
- Geographic information systems: Mitchell, J.K. 1992; Mitchell, J.K. 1993
- Hydrochemistry: Walker, J.F. 1993
- Hydrogeology: Makowski 1986b
- Land use: Dyhouse 1982; Econ 1975; Miller, S.O. 1993; Roseboom 1983; Walker, J.F. 1993
- Models: Arnold 1996; Goulter 1979; Goulter 1983; Hopkins, L.D. 1981
- Policy: Goulter 1983; Hopkins, L.D. 1981
- Models: Stromdahl 1975
- Preservation: Hutchison 1976
- Runoff: Allen, H.E. 1984; Bohnert 1971; Brabets 1984; Larson, C.L. 1981; Makowski 1985; Moore, I.D. 1979
- Models: Duncker 1995; Melching 1990
- Sediments: Allen, H.E. 1984; Fitzpatrick, W.P. 1987a; Guntermann 1975; Knox 1989; Kohnke 1971; Lee, M.T. 1981; Makowski 1985; Miller, S.O. 1993; Paulet 1971; Paulet 1972; Walker, R.D. 1981; Wilke 1991
- Analysis: Dyhouse 1982
- Contamination: Pavlowsky 1995
- Management: Frazee, R.W. 1993; Sundmacker 1981
- Models: Ewing, L.K. 1988; Ewing, L.K. 1989
- Waulsortian mounds:** Burke, R.B. 1995; Jobe 1995; Lasemi, Zakaria 1994; Whitaker 1995b
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- Clay and shale: Cluff 1981b; Treworgy, J.D. 1985
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- Geologic maps: Gray, H.H. 1991b
- Geophysical surveys: Ahbe 1978; Heigold 1993i
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- Contamination: Keefer 1995b; Keefer 1995d
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- Mineral resources: Major 1966c
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 Natural gas: Cluff 1982; Stevenson 1978; Stevenson 1979
 Production: Stevenson 1979
 Petroleum engineering: Lasemi, Zakaria 1994
 Petroleum exploration: Avila 1974; Leetaru 1990; Leetaru 1991a
 Sandstone: Treworgy, J.D. 1985
 Sedimentary petrology: Bosse 1986
 Soil surveys: Curie 1996
 Soils: Lund, L.J. 1971
 Stratigraphy:
 Devonian: North, W.G. 1969a; North, W.G. 1969b
 Mississippian: Bristol 1974b; Treworgy, J.D. 1985
 Pennsylvanian: Bristol 1974b; Horne 1968; Weibel 1991a
 Waste disposal: Weibel 1991d
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 Contamination: Alvord 1996
 Preventive measures: Mitsch 1992; Schueler 1994
 Drainage: Larson, C.L. 1981; Moore, I.D. 1979
 Economic geology: Mitsch 1979
 Geochemistry: Risatti 1978
 Geographic information systems: Am. Water Res. 1989
 Geomorphology: Bhowmik 1986; McKenna 1985b; Rhoads 1990; Rhoads 1991
 Hydrodynamics: Clark, G.R. 1996; Hensel 1991a
 Hydrogeology: McKay, E.D. 1979a
 Impact by:
 Highways: Hensel 1992b; Hensel 1993
 Legislation: Hubbell 1995; Reising 1985
- Mineralogy: Holden 1989
 Mitigation: Cahill 1993b; Miner 1994a; Miner 1994b; Miner 1995
 Protection: Dreher, D.W. 1987
 Riparian: Mitsch 1992
 Sedimentation: Demissie 1992b; Demissie 1995; Fennessy 1994
 Sediments: Holden 1989
 Spring-fed: Hensel 1992b; Hensel 1993
 Water quality: Cahill 1993b; Miner 1994a; Miner 1994b
- White County (see also subjects):**
 Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Kircher 1967
 Clay and shale: Treworgy, J.D. 1985
 Coal: Allgaier 1975; Hopkins, M.E. 1968
 Coal mines: ISGS 1994-1996
 Faults: Heigold 1994; Sexton 1986
 Geochemistry: Bullock 1991a; Bullock 1991b; Bullock 1991c; Bullock 1991d
 Geologic maps: Gray, H.H. 1970; Gray, H.H. 1991b
 Geophysical surveys: Ahbe 1978; Heigold 1970a; Heigold 1993b; Heigold 1993i; Hildenbrand 1977a; Hildenbrand 1977b; Hildenbrand 1977c; Hildenbrand 1979a; Hildenbrand 1996; Kucks 1990; US Dept. Energy 1981i; US Ener. Res. 1979
 Groundwater:
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Harris, S.E. Jr. 1977; Reinertsen 1977b
 Land use:
 Maps: USGS 1977c; USGS 1979a; USGS 1981a
 Limestone and dolomite: Lamborg 1986; Lineback 1985; Treworgy, J.D. 1985
 Sedimentary petrology: Lamborg 1986; Reichelderfer 1985
 Mineral resources: Heyl 1966b; Major 1966c
 Economic geology: Eidel 1993b
 Mapping: Eidel 1993a
 Oil and gas fields: Fowler, K.A. 1987; Gerrish 1988b; Leetaru 1996a; Skolfeld 1968b
 Paleoecology: Eggert, D.L. 1974
 Paleontology: Petzold 1988; Sohn 1975
 Petroleum:
 Natural gas: Cluff 1982
 Production: Bristol 1975

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- Sand and gravel:
Mineralogy: Hunter 1966a
- Sandstone: Fowler, K.A. 1987; Kehlenbach 1969; Treworgy, J.D. 1985
- Sedimentary petrology: Bosse 1986; Cole, R.D. 1990
- Soil surveys: Martin, W.S. 1996
- Stratigraphy:
Ordovician: Nelson, W.J. 1996a
Devonian: Nelson, W.J. 1996a; North, W.G. 1969a; North, W.G. 1969b
Mississippian: Cole, R.D. 1990; Eggert, D.L. 1974; Kehlenbach 1969; Nelson, W.J. 1996a; Randall, J.W. 1970; Treworgy, J.D. 1985
Pennsylvanian: Horne 1968; Jacobson, R.J. 1985b; Jacobson, R.J. 1987b; Nelson, W.J. 1996a
- Structural geology: Bristol 1975; Wier 1974c
- Tectonics: Wier 1974c
- Whiteside County (see also subjects):**
- Fossils:
Collecting: Johannesen 1967
- Geologic maps: Hallberg 1991
- Geomorphology: Flemal 1972d
- Geophysical surveys: Heigold 1993g; McGinnis, L.D. 1974b; Sawayan 1969; US Dept. Energy 1981c; USGS 1982a
- Groundwater: Larson, D.R. 1995; Larson, T.H. 1993; Nealon 1989; Ringler 1980; Visocky 1985; Wehrmann 1980
- Contamination: Keefer 1995b; Keefer 1995d
- Withdrawals: Sasman 1973
- Guidebook: Berggren 1980b
- Land use:
Maps: USGS 1982f
- Mineral resources: Major 1967b
- Paleobotany: Kim, H.K. 1982; Leary 1990
- Sand and gravel: Anderson, R.C. 1967
- Soil surveys: Sabata 1995
- Stratigraphy:
Silurian: Willman 1973b
Quaternary: Flemal 1972d; Vail 1969
- Till: Frye, J.C. 1969a
- Whittington Field:** Hollensbe 1988b
- Wilhelmi Formation:** Elias 1992b
- Will County (see also subjects):**
- Areal geology: Willman 1971b
- Bedrock topography: Abert 1993L; McConnell, D.R. 1975; McLean 1995d
- Clay and shale: Kuecher 1990
- Sedimentary petrology: Sotonoff 1976; Woodland 1979
- Coal:
Strippable reserves: Smith, W.H. 1968
- Coal mine lakes: Gibb 1978b
- Coal mines: Abert 1993d; Bradford 1983; ISGS 1994-1996
- Waste: Bradford 1987; Khan, L.A. 1986a
- Deep tunnel system: Buschbach 1972; Buschbach 1982
- Engineering geology:
Bibliography: Dixon 1985a
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- Floodplains: US Soil 1987
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- Fossils:
Collecting: Pine 1976
- Geologic maps: Abert 1993c; Schneider 1970; Willman 1970d
- Quaternary: Lineback 1983
- Geomorphology: McConnell, D.R. 1975
- Geophysical surveys: Flint 1970; Heigold 1993e; McGinnis, L.D. 1966a; US Dept. Energy 1980
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- Land use: Bogner, J.E. 1976a; Goulter 1983; Hopkins, L.D. 1981
- Maps: Dahlberg 1985b; USGS 1979c
- Limestone and dolomite: Mikulic 1985c; Smith, E.C. 1995b
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- Economic geology: Major 1968
- Paleobotany: Pfefferkorn 1973
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- Topography: McLean 1995b; Riggs 1993c
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- Williamson County (see also subjects):**
- Areal geology: Berg, R.C. 1993b; Berg, R.C. 1994c; Jacobson, R.J. 1991; Jacobson, R.J. 1992; Jacobson, R.J. 1993b; Nelson, W.J. 1991b; Nelson, W.J. 1996d; Weibel 1993a
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- Quaternary: Lannon 1988; Lannon 1992; Leonard, T.A. 1989; Riggs 1990; Riggs 1992
- Tectonics: Schafersman 1973
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Bedrock topography: Warner, P.F. 1968
Environmental assessment: Reilly 1978
Fluvial features:
Quaternary: Anderson, R.C. 1985
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Collecting: Pine 1976
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 Quaternary: Anderson, R.C. 1985; Berg, R.C. 1985a; Berg, R.C. 1985b; Follmer 1985b; Follmer 1986c; Follmer 1986f; Fricke 1983; Kempton 1968c; Kempton 1970b; Kempton 1985b; Leighton, M.M. 1966a; Odom 1970b
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 Planning: Berg, R.C. 1984a
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- Wisconsin Arch:**
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- Wisconsinan Stage:** Frye, J.C. 1968b
- Wolf Creek Formation:** Fleegeer 1980
- Woodford County (see also subjects):**
 Coal mines: Bradford 1983; ISGS 1994-1996
 Waste: Bradford 1987
 Geophysical surveys: Georgiou 1970; Heigold 1993d; Heigold 1993f
 Groundwater: Kempton 1992b; McComas 1969b; Nealon 1989; Visocky 1970; Visocky 1985; Willman 1973a
 Contamination: Keefer 1995b; Keefer 1995d
 Guidebook: Reinertsen 1972a; Shaver 1983a
 Land use:
 Maps: USGS 1980e
 Limestone and dolomite: Baxter 1989c; Jacobson, R.J. 1983b
 Mineral resources: Major 1967a; Willman 1973a
 Pyrite: Kirchner 1985
 Stratigraphy: James, A.T. 1968
 Pennsylvanian: Jacobson, R.J. 1983b
 Quaternary: McComas 1969b
 Till: Castillon 1972; Kirchner 1982
 Watersheds: Arnold 1996
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- Zinc (see Lead and zinc)**



